



February 10, 2016

Reference No. 038443-12

Ms. Leslie Patterson
Remedial Project Manager
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Mail Code SR-6J
Chicago, Illinois
60604

Mr. Steve Renninger
On-Scene Coordinator
U.S. EPA Region V
Emergency Response Branch
26 West Martin Luther King Drive
Cincinnati, Ohio
45268

Dear Ms. Patterson and Mr. Renninger:

**Re: Progress Report: January 1 through 31, 2016
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)**

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAO) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [USEPA]) Docket No. V-W-06-C-852) effective August 15, 2006 (RI/FS ASAO), and the ASAO for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 USEPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAO), for the period of January 1 through 31, 2016.

The next Progress Report for the month of February 2016 will be submitted on or before March 10, 2016.

Significant Developments in this Reporting Period

RI/FS ASAO Developments

There were no RI/FS ASAO Developments in January 2016.

Removal Action ASAO Developments

On January 8, 2016, GHD notified USEPA that VI meetings were scheduled for January 28, 2016 with the property management company, Mark Fornes Realty, and the remaining owners/tenants with SSDSs in the buildings (Overstreet Painting and S&J Precision in Building 12, NexGen Vending in Building 14, and SIM Trainer in Building 15). USEPA confirmed availability to attend the meetings and enquired as to the status of the upgrades for B&G Equipment and Truck Repair [B&G Trucking] in

Buildings 8 & 9 and Globe Equipment in Building 24, as discussed during the December 2015 VI meeting.

On January 11, 2016, GHD provided USEPA with letters summarizing the vapor intrusion sampling results at Overstreet Painting and S&J Precision in Building 12, NexGen Vending in Building 14, and SIM Trainer in Building 15. GHD notified USEPA that they are currently working with Environmental Doctor to schedule work at B&G Trucking in Buildings 8 & 9 and Globe Equipment in Building 24 that will accommodate requests from the owners and tenants.

On January 22, 2016, GHD provided USEPA with the finalized times for the VI meetings schedule on January 28, 2016 with Mark Fornes Realty and business owners.

On January 28, 2016, GHD completed quarterly methane monitoring of Building 15 (SIM Trainer), GP-2 and adjacent on-Site soil gas probes. Methane monitoring results are presented in Tables 1, 2, and 3. All methane results were 0.0 percent methane.

On January 28, 2016, USEPA, Public Health-Dayton & Montgomery County (PHDMC), GHD, Mark Fornes Realty and business owners/Site tenants participated in four on-Site meetings regarding the status of VI at Building 12 (Overstreet Painting and S&J Precision), Building 14 (NexGen Vending), and Building 15 (SIM Trainer).

During the January 28th meeting at Building 15 (SIM Trainer), the participants discussed the following topics:

- USEPA and GHD stated that there is no evidence that indoor air levels are a concern, yet modifications are proposed to improve the vacuum and depressurization of the sub-slab to further draw VI contamination away from the building and decrease SS concentration levels.
- GHD explained planned next steps which involve SSDS modifications, testing 60 days afterwards, quarterly SSDS checks and annual monitoring.
- SIM Trainer owner, Jeff Pedro, and Mark Fornes geared the discussion towards sample results and proposed modifications, which GHD and USEPA explained with use of the provided figures.
- Jeff Pedro questioned the appropriateness of applying very conservative Ohio Department of Health screening levels as opposed to OSHA criteria.
- Jeff Pedro raised the possibility of demolishing the storage area of the building (in which methane was previously a problem, and sub-slab concentrations of trichloroethylene (TCE) are greater than screening levels). Following demolition, an addition with a vapor barrier could be constructed. Mr. Pedro asked if this would resolve the VI issues. USEPA replied that they rely on analytical data and still would take samples, even if a vapor barrier is present. GHD also explained that vapor barrier under a portion of the building would not address potential for vapor intrusion to the remainder of the building and impacts due to indoor air circulation
- Mark Fornes and Jeff Pedro indicated that Jeff Pedro is considering the next steps for his business, which may involve purchasing the property.
- Mark Fornes signed the acceptance form on behalf of the owner.

During the January 28 meeting at Building 14 (NexGen Vending), the participants discussed the following topics:

- GHD explained that no sub slab or indoor air concerns exist, and modifications are proposed to solely to improve vacuum in the rear/storage area of the building.
- A tour of the facility was completed to evaluate, discuss and agree on the proposed location of the additional extraction point. NexGen Vending can move any storage material to accommodate the installation of the additional extraction point.
- Mark Fornes signed the acceptance form on behalf of the owner.
- GHD to coordinate date(s) of SSDS modification with NexGen Vending employee, Angel.

During the January 28 meeting at Building 12 (S&J Precision), the participants discussed the following topics:

- Mark Fornes explained that the S&J Precision business had been sold to a new owner and the change-over will occur on February 12, 2016. The building will still be owned by descendants of Boesch and Grillot.
- Due to the absence of the business owner during the first portion of the meeting, discussion was very limited and consisted of viewing the proposed stemline locations. The business owner joined the meeting and requested the proposed EP 3 stemline location be moved closer to the doorway opening, closer to SS-12-SJ- B, to avoid obstructions from storage lockers and materials.
- Mark Fornes signed the acceptance form on behalf of the owner.

During the January 28 meeting at Building 12 (Overstreet Painting), the participants discussed the following topics:

- USEPA and GHD stated that there is no evidence that indoor air levels are a concern, yet modifications are proposed in order to improve the vacuum and depressurization of the sub slab (SS) to further draw VI contamination away from the buildings and decrease SS concentration levels
- Mark Fornes and Don Overstreet informed USEPA and GHD that Mr. Overstreet planned to buy the building or continue with a long-term lease and would demolish the partition wall to which EP-1 and stemline piping is affixed. This would mean that the interior space would be open to allow vehicle and equipment movement and storage and the existing piping would be unsupported and hence the owner wants it to be modified. The removal of the partition wall is expected to occur in 2016.
- All parties completed a tour of the facility to evaluate steps that may be needed to accommodate the SSDS modifications related to demolition of the partition wall, such as below grade piping burial (involving survey and saw-cutting of concrete). No building blueprints or utility figures exist.
- Mark Fornes signed the acceptance form on behalf of the owner.

During the January 28 meetings, the following general next steps were discussed:

- SSDS modifications for B&G Equipment and Truck Repair are scheduled for February 2 – 5, 2016, and on Saturday, February 13, 2016 for Globe Food Equipment.
- GHD is scheduled to complete the annual proficiency sampling at MegaCity (Building 17) and Globe Food Equipment (Building 24) on February 9 & 10, 2016.
- USEPA agreed that GHD may proceed with the annual proficiency sampling for Globe (Building 24) before the completion of the SSDS modification, since the SS and IA concentrations are less than ODH screening levels, and the modification is solely intended to improve vacuum.
- Next conference call scheduled for February 25, 2016 at 2:30 PM.
- Monthly conference calls will be held until further notice.

Summary of Building Status

As of January 31, 2016, the status of each building requiring mitigation was as follows:

Building 8 (B&G Trucking):

- 30-day proficiency sampling completed on September 12, 2013, with additional confirmatory sampling completed on January 9, 2014 and March 10, 2014.
- 2015 indoor air (IA) and/or SS soil vapor sampling were completed on February 17, 2015, July 15, 2015, and October 6, 2015:
 - Trichloroethene concentration in SS soil vapor samples collected from probes SS-8-A and SS-8-B were greater than ODH screening level (AF of 33). GHD suspects a localized TCE source under the building may be contributing to elevated TCE concentrations in the SS soil vapor.
 - Benzene concentrations from IA locations IA-8-A and IA-8-D were less than ODH screening levels. Benzene concentration from IA location IA-8-F was greater than the ODH screening level in the July 2015 sampling round. Available evidence suggests IA benzene concentrations are the result of ongoing daily human activities within and around Building 8 as well as IA background sources, and are not the result of a complete VI pathway.
 - The fan at extraction point EP-3 was not operating during the majority of the July 2015 sampling round and was replaced late in the day on July 15, 2015.
 - The fans at extraction points EP-1 and EP-2 were not operating on September 29, 2015 and were replaced on October 1, 2015.
 - All fans were operational during the October 2015 sampling round.
- SSDS modifications for B&G Equipment and Truck Repair are scheduled for February 2 – 5, 2016.

Building 9 (B&G Trucking):

- 30-day and 180-day proficiency sampling completed on October 24, 2013 and March 10, 2014, respectively, with additional 180-day confirmatory sampling completed on May 20, 2014.

- Two rounds of 2015 IA and SS soil vapor sampling completed on February 17, 2015, and July 15, 2015:
 - TCE concentrations in samples collected from SS soil vapor probe SS-9-A remain greater than ODH screening levels. GHD suspects a localized TCE source under the building may be contributing to elevated TCE concentrations in SS soil vapor.
 - Benzene and xylenes were not detected in Building 9 during the July 2015 sampling round.
- SSDS modifications for B&G Equipment and Truck Repair are scheduled for February 2 – 5, 2016.

Building 12 (Overstreet Painting and S&J Precision):

- 30-day proficiency sampling completed on October 24, 2013. A corrective action was implemented on March 6, 2014 and additional confirmatory sampling was completed on April 2 and 3, 2014.
- Two rounds of 2015 IA and SS soil vapor sampling completed on February 18, 2015 and July 13, 2015:
 - TCE concentrations in SS soil vapor samples remain greater than ODH screening and action levels. GHD suspects a localized TCE source under the building may be contributing to elevated TCE concentrations in SS soil vapor.
 - cis-1,2-Dichloroethene (cis-1,2-DCE) concentrations in SS soil vapor samples have decreased to less than the ODH screening level.
 - Benzene remains present in IA samples at concentrations greater than ODH screening levels; however, based on available data, the benzene concentrations in indoor air are a result of ongoing daily human activities within and around Building 12, and are not the result of a complete VI pathway.
- Respondents and USEPA proposed SSDS modifications to the building owner and tenants during the January 28 VI meetings. Respondents are evaluating the feasibility of the SSDS modification adjustments requested at the meeting.

Building 14 (NexGen Vending):

- 30-day proficiency sampling completed on January 16, 2014 and 180-day proficiency sampling completed on June 3, 2014.
- Two rounds of 2015 IA and SS soil vapor sampling completed on February 19, 2015 and July 16, 2015.
- The building is in compliance; IA and SS concentrations are less than ODH screening levels.
- Annual proficiency sampling will be completed in July 2016.
- A proposed SSDS modification (addition of an extraction point) was agreed upon during the January 28 VI meetings. GHD will coordinate date(s) of SSDS modification work with NexGen Vending.

Building 15 (SIM Trainer):

- 30-day proficiency sampling completed on February 13, 2014. A corrective action was implemented on April 6, 2014 and additional confirmatory sampling was completed on April 24, 2014.
- Two rounds of 2015 IA and SS soil vapor sampling completed on February 18, 2015 and July 14, 2015.
- July 2015 TCE SS concentration at SS-15-C was greater than the ODH SS screening level (AF of 33).
- IA concentrations are less than ODH IA screening levels.
- Respondents and USEPA proposed SSDS modifications to the building owner during the January 28 VI meetings. GHD will coordinate date(s) of SSDS modification work with SIM Trainer.

Building 17 (Megacity Construction):

- 30-day and 180-day proficiency sampling completed on January 16, 2014, and June 3, 2014, respectively.
- 1-year proficiency sampling completed on February 19, 2015.
- The building is in compliance.
- Annual proficiency sampling is scheduled for February 9, 2016.

Building 24 (Globe Equipment):

- 30-day, 180-day, and 1-year proficiency sampling completed on September 11, 2013, February 7, 2014, and December 5, 2014 respectively.
- One-year confirmatory sampling completed on February 20, 2015.
- Additional confirmatory sampling completed on July 16, 2015.
- The building is in compliance; IA and SS concentrations are less than ODH screening levels.
- SSDS modifications for Globe Equipment are scheduled for Saturday February 13, 2016.
- Annual proficiency sampling is scheduled for February 9, 2016.

Summaries of all Anticipated Problems and Planned Resolutions

As previously discussed with USEPA, a number of the owners and tenants in buildings planned for vapor mitigation have expressed concerns regarding the intrusion that the VI sampling and mitigation has had, and will have, on their business. The owners of the buildings (i.e., South Dayton Remediation Trust) refused to allow additional work to occur. On October 24, 2014, the Respondents transmitted letters to the owners and tenants of the buildings with remaining sub-slab issues providing the analytical results for sampling completed to date and seeking their consent to cease intrusive vapor abatement activities and transition to an enhanced indoor air monitoring program. In January 2015, the legal counsel for the owners provided written notification that the owners and tenants agree to

allow indoor air monitoring to proceed but were not willing to allow further remedial work. In September 2015, USEPA and GHD met with owners and tenants and informally discussed the potential for further remedial work. In December 2015 and January 2016 meetings were conducted with owner/tenants at all building locations with a SSDS to address further remedial work. Owners/tenants agree to allow further remedial work (i.e., mitigation system modifications).

Projected Work for the Next Reporting Period

- The Respondents and USEPA On-Scene Coordinator will continue to work together to discuss VI mitigation measures and implement the mitigation work plan.
- The Respondents will review and respond to the USEPA response to the Good Faith Offer letter and comments on the new ASAOC and SOW.
- Coordinate with owners/tenants to schedule and complete SSDS modifications.
- Complete annual proficiency sampling at Megacity Construction (Building 17) and Globe Equipment (Building 24).

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD



Julian Hayward

BR/cb/33

Encl.

cc: (all by pdf) Leslie Patterson, U.S. EPA
Wendell Barner, Barner Consulting
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Jim Campbell, EMI
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Valerie Chan, GHD

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)
5173 / 1 / Storage area ambient air, without filter	1/19/2012	11:50	0.9	22.1	0.1	0.0	ND(1) ¹		
5173 / 1 / C / Storage area, without filter		12:01	391	7.5	2.7	0.9	19		
5173 / 1 / Storage area ambient air, without filter	1/24/2012	10:00	0	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area, without filter		10:09	96.7	5.5	2.8	0.9	19		
5173 / 1 / Storage area ambient air, without filter	1/31/2012	10:50	1	21.6	0.0	0.0	0		
5173 / 1 / C / Storage area, without filter		11:14	182.7	5.5	3.1	1.1	25		
5173 / 1 / Storage area ambient air, without filter	2/7/2012	10:44	0.1	21.7	0.1	0.0	0		
5173 / 1 / C / Storage area, without filter		10:56	142.3	10.9	1.8	0.9	21		
5173 / 1 / Storage area ambient air, without filter	2/16/2012	10:40	0.1	20.5	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		11:04	79.4	14.1	3.1	0.5	10		
5173 / 1 / C / Storage area without filter		11:04	79.4	18.1	0.3	0.2	3		
5173 / 1 / Storage area ambient air, without filter	3/1/2012	11:36	0.1	21.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:46	196.5	13.8	0.2	0.3	7		
5173 / 1 / C / Storage area without filter		12:48	196.5	16.9	1.5	0.4	9		
5173 / 1 / Storage area ambient air	3/13/2012	9:32	0	20.1	0.8	0.0	0		
5173 / 1 / C / Storage area with filter		10:20	101.2	1.0	3.3	0.8	18		
5173 / 1 / C / Storage area without filter			101.2	0.4	4.7	1.4	27		
5173 / 1 / A ambient air without filter		9:57	0	21.0	0.1	0.0	0		
5173 / 1 / A with filter		10:15	0	16.9	3.0	0.0	0		
5173 / 1 / B ambient air without filter		9:30	0	21.4	0.0	0.0	0		
5173 / 1 / B with filter		9:48	0.2	9.1	7.9	0.0	0		
5173 / 1 / Storage area ambient air, without filter	3/22/2012	11:50	0	20.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:44	105.8	3.2	1.2	0.7	11		
5173 / 1 / C / Storage area without filter		12:47	105.8	3.0	5.1	1.1	24		
5173 / 1 / Storage area ambient air, without filter	3/27/2012		0.1	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter			17.1	3.9	1.9	0.9	17		
5173 / 1 / C / Storage area without filter		10:56	17.1	5.9	5.4	1.2	26		
5173 / 1 / Storage area ambient air, without filter	4/3/2012	12:30	0	21.0	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:09	136.8	1.9	0.4	0.8	19		
5173 / 1 / C / Storage area without filter		13:10	136.8	1.7	5.1	1.4	29		
5173 / 1 / Storage area ambient air, without filter	4/10/2012	11:05	0	21.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:52	206.1	3.0	0.5	0.8	19		
5173 / 1 / C / Storage area without filter		11:53	206.1	3.1	1.2	0.9	27		
5173 / 1 / Storage area ambient air, without filter	4/17/2012	10:15	0	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:32	129.8	2.3	2.2	0.9	19		
5173 / 1 / C / Storage area without filter		10:37	129.8	1.5	5.5	1.4	28		
5173 / 1 / Storage area ambient air, without filter	4/26/2012	11:13	0	21.0	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:27	120.7	2.2	1.7	0.9	10		
5173 / 1 / C / Storage area without filter		11:31	120.7	14.9	1.6	0.5	12		
5173 / 1 / Storage area ambient air, without filter	5/3/2012	11:33	0	20.2	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		11:45	122.1	15.2	0.8	0.3	5		
5173 / 1 / C / Storage area without filter		11:48	122.1	9.5	3.4	0.7	14		
5173 / 1 / Storage area ambient air, without filter	5/10/2012	13:58	0	20.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:10	167.9	10.7	0.9	0.6	14		
5173 / 1 / C / Storage area without filter		14:11	167.9	7.8	3.8	0.9	18		
5173 / 1 / Storage area ambient air, without filter	5/15/2012		0	20.1	0.0	0.0	0		
5173 / 1 / C / Storage area with filter			80.4	10.7	0.2	0.5	10		
5173 / 1 / C / Storage area without filter			80.4	20.8	0.3	0.1	2		
5173 / 1 / Storage area ambient air, without filter	5/24/2012	13:15	0.0	20.8	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:39	107.1	1.2	6.2	0.9	18		
5173 / 1 / C / Storage area without filter		13:47	107.1	2.2	6.4	1.3	26		
5173 / 1 / Storage area ambient air, without filter	5/31/2012	11:04	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:14	116.6	8.7	1.5	0.3	7		
5173 / 1 / C / Storage area without filter		11:20	116.6	16.8	2.0	0.7	27		
5173 / 1 / Storage area ambient air, without filter	6/7/2012	10:24	0.0	20.9	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:33	102.2	0.9	6.2	1.1	22		
5173 / 1 / C / Storage area without filter		10:44	102.2	1.8	7.0	1.4	28		
5173 / 1 / Storage area ambient air, without filter	6/14/2012	10:55	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:07	72.0	5.5	3.5	0.7	20		
5173 / 1 / C / Storage area without filter		11:13	72.0	3.8	4.3	1.0	21		
5173 / 1 / Storage area ambient air, without filter	6/19/2012	10:33	0.0	20.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:55	78.0	1.8	2.3	1.3	26		
5173 / 1 / C / Storage area without filter		10:57	78.0	1.3	7.3	2.2	43		
5173 / 1 / Storage area ambient air, without filter	6/28/2012	10:01	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:11	65.7	5.8	3.2	0.7	21		
5173 / 1 / C / Storage area without filter		10:11	65.7	3.7	4.7	1.1	27		
5173 / 1 / Storage area ambient air, without filter	7/3/2012	10:15	0.0	19.7	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:56	68.0	1.9	7.6	1.7	36		
5173 / 1 / C / Storage area without filter		10:58	68.0	1.9	6.4	1.3	25		

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)
5173 / 1	7/11/2012	Access unavailable							
5173 / 1 / Storage area ambient air, without filter		13:15	0.1	20.4	0.0	0			
5173 / 1 / C / Storage area with filter	7/19/2012	13:40	65.9	1.7	6.5	1.8 38			
5173 / 1 / C / Storage area without filter		13:40	65.9	1.6	7.9	2.6 51			
5173 / 1 / Storage area ambient air, without filter	7/26/2012	9:45	0.0	20.2	0.0	0			
5173 / 1 / C / Storage area with filter		9:54	0.0	2.4	6.2	1.9 43			
5173 / 1 / C / Storage area without filter		9:54	0.0	1.0	7.7	3.2 63			
5173 / 1 / Storage area ambient air, with filter	8/2/2012	9:40	0.0	20.6	0.0	0	90s	none	
5173 / 1 / Storage area ambient air, without filter		9:40	0.0	20.7	0.0	0			
5173 / 1 / C / Storage area with filter		9:52	79.6	9.2	0.1	1.1 17			
5173 / 1 / C / Storage area without filter		9:52	79.6	6.9	5.3	1.8 38			
5173 / 1 / Storage area ambient air, with filter	8/7/2012	9:57	--	--	--	0	low 90s	none	
5173 / 1 / Storage area ambient air, without filter		9:57	0.3	20.7	0.1	0			
5173 / 1 / C / Storage area with filter		10:06	--	--	--	43			
5173 / 1 / C / Storage area without filter		10:06	116.5	3.7	6.7	2.9 57			
5173 / 1 / A / Office area ambient air with filter	8/16/2012	11:55	0.1	20.3	0.0	0	80 - low 90s	none	
5173 / 1 / A / Office area ambient air without filter		11:55	0.1	20.2	0.0	0			
5173 / 1 / A / Office area with filter		11:58	2.5	19.5	0.3	0			
5173 / 1 / A / Office area without filter		11:58	2.5	19.7	0.9	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter		11:52	0.3	20.6	0.0	0			
5173 / 1 / Storage area ambient air, without filter		11:52	0.3	20.6	0.0	0			
5173 / 1 / C / Storage area with filter		12:26	100.7	0.5	6.1	2.2 47			
5173 / 1 / C / Storage area without filter		12:26	100.7	1.3	6.7	3.1 62			
5173 / 1 / A / Office area ambient air with filter	8/21/2012	14:05	0.0	21.1	0.0	0	80s	none	
5173 / 1 / A / Office area ambient air without filter		14:05	0.0	21.0	0.0	0			
5173 / 1 / A / Office area with filter		14:20	2.0	19.5	0.1	0			
5173 / 1 / A / Office area without filter		14:20	2.0	19.7	0.8	0			
5173 / 1 / B / Firing Range ambient air with filter		13:45	0.0	20.4	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:45	0.0	20.4	0.0	0			
5173 / 1 / B / Firing Range with filter		13:55	2.3	4.4	12.2	0			
5173 / 1 / B / Firing Range without filter		13:55	2.3	6.3	11.0	0			
5173 / 1 / Storage area ambient air, with filter		14:25	0.0	21.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:25	0.0	21.4	0.0	0			
5173 / 1 / C / Storage area with filter		14:37	110.9	0.5	5.0	2.1 42			
5173 / 1 / C / Storage area without filter		14:37	110.9	4.8	5.1	2.3 46			
5173 / 1 / A / Office area ambient air without filter	8/30/2012		0.0	20.0	0.0	0	80s	none	
5173 / 1 / A / Office area with filter		13:44	0.5	19.5	0.9	0			
5173 / 1 / A / Office area without filter		13:44	0.5	19.4	1.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:57	0.0	20.7	0.0	0			
5173 / 1 / B / Firing Range with filter		14:07	1.2	5.5	11.0	0			
5173 / 1 / B / Firing Range without filter		14:07	1.2	5.3	11.6	0			
5173 / 1 / Storage area ambient air, without filter		13:03	0.0	20.5	0.0	0			
5173 / 1 / C / Storage area with filter		13:21	39.1	1.4	3.8	1.9 39			
5173 / 1 / C / Storage area without filter		13:21	39.1	0.9	6.6	2.8 57			
5173 / 1 / A / Office area ambient air with filter	9/6/2012		0.0	20.6	0.0	0	80s	rain daily during week of September 2 to 6	
5173 / 1 / A / Office area ambient air without filter			0.0	20.8	0.0	0			
5173 / 1 / A / Office area with filter		14:07	3.8	19.4	0.1	0			
5173 / 1 / A / Office area without filter		14:07	3.8	19.2	0.9	0			
5173 / 1 / B / Firing Range ambient air with filter			0.0	20.3	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter			0.0	20.4	0.0	0			
5173 / 1 / B / Firing Range with filter		14:00	3.8	62.0	9.9	0			
5173 / 1 / B / Firing Range without filter		14:00	3.8	63.0	11.4	0			
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	20.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.2	0.0	0			
5173 / 1 / C / Storage area with filter		13:41	140.4	0.9	5.0	1.9 38			
5173 / 1 / C / Storage area without filter		13:41	140.4	0.8	6.3	2.8 58			
5173 / 1 / A / Office area ambient air with filter	9/13/2012		0.0	20.9	0.0	0	high 70s - low 80s	none	
5173 / 1 / A / Office area ambient air without filter			0.0	20.7	0.0	0			
5173 / 1 / A / Office area with filter		12:08	0.5	19.6	0.2	0			
5173 / 1 / A / Office area without filter		12:08	0.5	19.2	1.0	0			
5173 / 1 / B / Firing Range ambient air with filter			0.0	21.3	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter			0.0	21.1	0.0	0			
5173 / 1 / B / Firing Range with filter		12:23	1.9	5.8	9.7	0			
5173 / 1 / B / Firing Range without filter		12:23	1.9	5.5	11.8	0			
5173 / 1 / Storage area ambient air, with filter			0.0	21.2	0.0	0			
5173 / 1 / Storage area ambient air, without filter			0.0	21.2	0.0	0			
5173 / 1 / C / Storage area with filter			60.2	0.8	5.1	2.3 45			
5173 / 1 / C / Storage area without filter			60.2	1.0	6.0	2.7 55			

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	9/20/2012	11:55	0.0	20.3	0.1	0.0	low 70s	none		
5173 / 1 / A / Office area ambient air without filter		11:55	0.0	20.3	0.0	0.0				
5173 / 1 / A / Office area with filter		12:04	0.6	18.0	0.2	0.0				
5173 / 1 / A / Office area without filter		12:04	0.6	17.8	1.5	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:15	0.0	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:15	0.0	20.9	0.0	0.0				
5173 / 1 / C / Storage area with filter		12:23	88.5	1.9	4.5	2.0				41
5173 / 1 / C / Storage area without filter		12:23	88.5	1.8	5.3	2.6				52
5173 / 1 / SIM Trainer	9/27/2012	Inaccessible						60s - 70s	none	
5173 / 1 / A / Office area ambient air with filter	10/2/2012	13:05	0.0	21.1	0.0	0.0	mid 60s	light rain		
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.1	0.0	0.0				
5173 / 1 / A / Office area with filter		13:09	0.7	15.6	0.7	0.0				
5173 / 1 / A / Office area without filter		13:09	0.7	17.4	1.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:50	0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		12:50	0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range with filter		13:00	0.7	4.6	10.3	0.0				
5173 / 1 / B / Firing Range without filter		13:00	0.7	4.7	10.5	0.0				
5173 / 1 / Storage area ambient air, with filter		13:13	0.0	21.2	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:13	0.0	21.2	0.0	0.0				
5173 / 1 / C / Storage area with filter		13:17	57.3	0.8	5.8	2.0				40
5173 / 1 / C / Storage area without filter		13:17	57.3	0.9	5.0	2.8				56
5173 / 1 / A / Office area ambient air with filter	10/18/2012	13:15	0.0	21.2	0.1	0.0	mid 70s	none		
5173 / 1 / A / Office area ambient air without filter		13:15	0.0	21.3	0.0	0.0				
5173 / 1 / A / Office area with filter		13:44	0.8	16.3	2.4	0.0				
5173 / 1 / A / Office area without filter		13:44	0.8	16.2	2.5	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.3	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.3	0.0	0.0				
5173 / 1 / C / Storage area with filter		13:50	104.2	1.8	3.8	1.5				30
5173 / 1 / C / Storage area without filter		13:50	104.2	1.9	4.3	1.9				38
5173 / 1 / A / Office area ambient air with filter	10/25/2012	13:35	0.0	21.0	0.1	0.0	70s	none		
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.0	0.1	0.0				
5173 / 1 / A / Office area with filter		14:17	2.4	15.6	0.8	0.0				
5173 / 1 / A / Office area without filter		14:17	2.4	15.2	2.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:06	0.0	20.5	0.1	0.0				1 ^R
5173 / 1 / B / Firing Range ambient air without filter		13:06	0.0	20.3	0.0	0.0				
5173 / 1 / B / Firing Range with filter		14:20	1.0	3.8	9.6	0.0				
5173 / 1 / B / Firing Range without filter		14:20	1.0	4.1	10.0	0.0				
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	21.0	0.1	0.0				1 ^R
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.9	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:24	72.9	1.3	3.7	1.5				31
5173 / 1 / C / Storage area without filter		14:24	72.9	1.4	4.1	2.0				41
5173 / 1 / A / Office area ambient air with filter	10/30/2012	13:35	0.0	21.9	0.1	0.0	30s - 40s	snow & rain		
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.9	0.1	0.0				
5173 / 1 / A / Office area with filter		14:55	1.6	14.2	1.8	0.0				
5173 / 1 / A / Office area without filter		14:55	1.6	14.3	3.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:48	0.0	21.3	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:48	0.0	21.4	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:02	1.6	4.0	9.5	0.0				
5173 / 1 / B / Firing Range without filter		15:02	1.6	4.1	10.5	0.0				
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	22.2	0.1	0.0				
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	22.1	0.1	0.0				
5173 / 1 / C / Storage area with filter		15:06	79.5	1.2	4.3	1.6				34
5173 / 1 / C / Storage area without filter		15:06	79.5	1.4	4.1	2.1				43
5173 / 1 / A / Office area ambient air with filter	11/8/2012	14:02	1.4	21.4	0.1	0.0	30s - 40s	none		
5173 / 1 / A / Office area ambient air without filter		14:02	1.4	21.5	0.1	0.0				
5173 / 1 / A / Office area with filter		15:21	4.2	13.7	3.2	0.0				
5173 / 1 / A / Office area without filter		15:21	4.2	13.7	3.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		14:15	1.2	21.0	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		14:15	1.2	21.1	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:26	1.8	4.5	9.5	0.0				
5173 / 1 / B / Firing Range without filter		15:26	1.8	4.8	9.9	0.0				
5173 / 1 / Storage area ambient air, with filter		13:35	1.3	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:35	1.3	21.1	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:36	165.5	1.2	3.2	1.4				27
5173 / 1 / C / Storage area without filter		15:36	165.5	2.2	3.5	1.6				33

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	11/15/2012	13:37	0.0	21.7	0.2	0.0	30s - 40s	none		
5173 / 1 / A / Office area ambient air without filter		13:37	0.0	21.8	0.1	0.0				
5173 / 1 / A / Office area with filter		15:32	0.0	14.3	3.3	0.0				
5173 / 1 / A / Office area without filter		15:32	0.0	14.6	3.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:58	0.0	21.7	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:58	0.0	21.9	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:43	0.0	4.3	9.5	0.0				
5173 / 1 / B / Firing Range without filter		15:43	0.0	4.5	9.8	0.0				
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.8	0.2	0.0				
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.4	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:45	92.6	1.4	2.5	1.0				21
5173 / 1 / C / Storage area without filter		15:45	92.6	1.4	3.4	1.3				27
5173 / 1 / A / Office area ambient air with filter	11/20/2012	13:03	0.0	20.9	0.1	0.0	50s	Trace		
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.9	0.1	0.0				
5173 / 1 / A / Office area with filter		14:45	0.0	13.8	3.2	0.0				
5173 / 1 / A / Office area without filter		14:45	0.0	13.9	3.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.0	21.0	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.0	21.1	0.0	0.0				
5173 / 1 / B / Firing Range with filter		14:50	0.0	4.6	9.7	0.0				
5173 / 1 / B / Firing Range without filter		14:50	0.0	4.7	10.1	0.0				
5173 / 1 / Storage area ambient air, with filter		13:08	0.0	20.9	0.1	0.0				
5173 / 1 / Storage area ambient air, without filter		13:08	0.0	21.0	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:53	183.7	13.6	1.3	0.4				9
5173 / 1 / C / Storage area without filter		14:53	183.7	10.8	1.8	0.8				16
5173 / 1 / A / Office area ambient air with filter	11/29/2012	12:31	0.6	21.3	0.1	0.0	40s - 50s	None		
5173 / 1 / A / Office area ambient air without filter		12:31	0.6	21.3	0.1	0.0				
5173 / 1 / A / Office area with filter		14:05	1.8	13.1	4.0	0.0				
5173 / 1 / A / Office area without filter		14:05	1.8	13.3	4.1	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:40	0.4	21.2	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		12:40	0.4	21.2	0.1	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:37	0.3	21.3	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:37	0.3	21.3	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:23	120.4	2.4	2.8	1.1				22
5173 / 1 / C / Storage area without filter		14:23	120.4	2.2	3.0	1.5				30
5173 / 1 / A / Office area ambient air with filter		12/4/2012	13:26	0.0	21.3	0.0				0.0
5173 / 1 / A / Office area ambient air without filter	13:26		0.0	21.2	0.1	0.0				
5173 / 1 / A / Office area with filter	15:29		0.1	13.6	4.5	0.0				
5173 / 1 / A / Office area without filter	15:29		0.1	13.7	4.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter	14:17		0.0	21.0	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter	14:17		0.0	21.0	0.0	0.0				
5173 / 1 / B / Firing Range with filter	15:34		0.2	9.1	7.1	0.0				
5173 / 1 / B / Firing Range without filter	15:34		0.2	9.1	7.3	0.0				
5173 / 1 / Storage area ambient air, with filter	13:07		0.0	21.4	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter	13:07		0.0	21.0	0.0	0.0				
5173 / 1 / C / Storage area with filter	15:39		66.6	1.6	4.2	1.0	19			
5173 / 1 / C / Storage area without filter	15:39		66.6	1.6	3.6	1.3	27			
5173 / 1 / A / Office area ambient air with filter	12/13/2012	14:18	0.0	22.0	0.0	0.0	40s	sunny		
5173 / 1 / A / Office area ambient air without filter		14:18	0.0	22.0	0.0	0.0				
5173 / 1 / A / Office area with filter		15:17	0.0	14.9	2.5	0.1 U				1 U
5173 / 1 / A / Office area without filter		15:17	0.0	14.6	4.2	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:54	0.0	22.0	0.0	0.1 U				2 U
5173 / 1 / B / Firing Range ambient air without filter		13:54	0.0	21.8	0.1	0.0				0
5173 / 1 / B / Firing Range with filter		15:23	1.6	6.4	8.8	0.0				1 U
5173 / 1 / B / Firing Range without filter		15:23	1.6	6.1	9.7	0.1				1
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	22.0	0.1	0.1 U				2 U
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	22.1	0.1	0.0				0
5173 / 1 / C / Storage area with filter		15:34	109.7	2.0	2.6	1.0				19
5173 / 1 / C / Storage area without filter		15:34	109.7	1.9	3.2	1.2				25
5173 / 1 / A / Office area ambient air with filter	12/18/2012	13:55	0.0	21.7	0.1	0.0	40s	none		
5173 / 1 / A / Office area ambient air without filter		13:55	0.0	21.6	0.2	0.0				0
5173 / 1 / A / Office area with filter		14:41	0.8	14.9	3.8	0.0				0
5173 / 1 / A / Office area without filter		14:41	0.8	14.7	4.6	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		14:04	0.0	21.5	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		14:04	0.0	21.6	0.1	0.0				0
5173 / 1 / B / Firing Range with filter		14:51	0.7	6.2	9.3	0.0				0
5173 / 1 / B / Firing Range without filter		14:51	0.7	6.4	9.7	0.0				0
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	21.4	0.3	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	21.4	0.4	0.0				0
5173 / 1 / C / Storage area with filter		14:56	114.9	1.3	3.8	0.9				19
5173 / 1 / C / Storage area without filter		14:56	114.9	1.4	3.6	1.3				26

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)
5173 / 1 / A / Office area ambient air with filter	12/27/2012	13:05	0.0	21.0	0.0	0	30s	none	
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.0	0.0	0			
5173 / 1 / A / Office area with filter		14:15	0.7	15.4	4.1	0			
5173 / 1 / A / Office area without filter		14:15	0.7	15.5	4.1	0			
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:25	0.5	8.1	8.7	0			
5173 / 1 / B / Firing Range without filter		14:25	0.5	7.8	9.0	0			
5173 / 1 / Storage area ambient air, with filter		13:00	0.0	21.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:00	0.0	21.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:35	75.0	16.5	1.1	0.3			
5173 / 1 / C / Storage area without filter		14:35	75.0	12.0	1.5	0.5			
5173 / 1 / A / Office area ambient air with filter	1/3/2013	12:50	0.1	21.2	0.1	0	10s - 20s	None	
5173 / 1 / A / Office area ambient air without filter		12:50	0.1	21.2	0.1	0			
5173 / 1 / A / Office area with filter		14:15	0.3	17.9	2.4	0			
5173 / 1 / A / Office area without filter		14:15	0.3	16.9	3.2	0			
5173 / 1 / B / Firing Range ambient air with filter		12:57	0.0	21.2	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:57	0.0	21.2	0.0	0			
5173 / 1 / B / Firing Range with filter		14:26	0.4	8.7	8.4	0			
5173 / 1 / B / Firing Range without filter		14:26	0.4	8.7	8.4	0			
5173 / 1 / Storage area ambient air, with filter		12:55	0.0	21.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:55	0.0	21.3	0.0	0			
5173 / 1 / C / Storage area with filter		14:34	90.4	4.0	2.6	0.7			
5173 / 1 / C / Storage area without filter		14:34	90.4	2.5	2.7	1.1			
5173 / 1 / A / Office area ambient air with filter	1/10/2013	13:28	0.0	21.1	0.1	0	30s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	21.1	0.0	0			
5173 / 1 / A / Office area with filter		14:24	1.0	16.0	3.7	0			
5173 / 1 / A / Office area without filter		14:24	1.0	16.0	3.9	0			
5173 / 1 / B / Firing Range ambient air with filter		13:26	0.1	20.8	0.2	0			
5173 / 1 / B / Firing Range ambient air without filter		13:26	0.1	21.0	0.1	0			
5173 / 1 / B / Firing Range with filter		14:30	0.9	9.1	7.8	0			
5173 / 1 / B / Firing Range without filter		14:30	0.9	9.4	7.9	0			
5173 / 1 / Storage area ambient air, with filter		13:24	0.1	21.0	0.1	0			
5173 / 1 / Storage area ambient air, without filter		13:24	0.1	21.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:45	52.2	3.1	3.0	0.6			
5173 / 1 / C / Storage area without filter		14:45	52.2	3.2	2.8	0.9			
5173 / 1 / A / Office area ambient air with filter	1/17/2013	13:10	0.0	21.3	0.1	0	30s	None	
5173 / 1 / A / Office area ambient air without filter		13:10	0.0	21.4	0.0	0			
5173 / 1 / A / Office area with filter		14:00	1.0	13.5	4.2	0			
5173 / 1 / A / Office area without filter		14:00	1.0	13.5	4.3	0			
5173 / 1 / B / Firing Range ambient air with filter		13:08	0.1	21.3	0.1	0			
5173 / 1 / B / Firing Range ambient air without filter		13:08	0.1	21.3	0.0	0			
5173 / 1 / B / Firing Range with filter		14:07	0.3	8.9	8.5	0			
5173 / 1 / B / Firing Range without filter		14:07	0.3	8.9	8.7	0			
5173 / 1 / Storage area ambient air, with filter		13:06	0.1	21.3	0.1	0			
5173 / 1 / Storage area ambient air, without filter		13:06	0.1	21.3	0.0	0			
5173 / 1 / C / Storage area with filter		14:21	92.9	1.5	3.3	0.8			
5173 / 1 / C / Storage area without filter		14:21	92.9	1.6	3.2	1.0			
5173 / 1 / A / Office area ambient air with filter	1/24/2013	13:45	0.0	22.2	0.1	0	10 - 20s	None	
5173 / 1 / A / Office area ambient air without filter		13:45	0.0	21.9	0.1	0			
5173 / 1 / A / Office area with filter		15:56	0.0	16.2	2.9	0			
5173 / 1 / A / Office area without filter		15:56	0.0	15.9	4.1	0			
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	22.4	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	22.4	0.0	0			
5173 / 1 / B / Firing Range with filter		16:01	0.4	7.2	8.2	0			
5173 / 1 / B / Firing Range without filter		16:01	0.4	6.7	9.0	0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	20.9	0.0	0			
5173 / 1 / C / Storage area with filter		16:08	53.0	2.5	2.8	0.6			
5173 / 1 / C / Storage area without filter		16:08	53.0	1.9	2.8	0.9			

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	1/31/2013	13:33	0.0	22.1	0.1	0.0	10 - 20s	None		
5173 / 1 / A / Office area ambient air without filter		13:33	0.0	22.2	0.1	0.0				
5173 / 1 / A / Office area with filter		15:35	0.1	15.7	2.6	0.0				
5173 / 1 / A / Office area without filter		15:35	0.1	14.8	4.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter		14:10	0.0	22.3	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		14:10	0.0	22.6	0.1	0.0				
5173 / 1 / B / Firing Range with filter		15:41	0.2	6.4	9.0	0.0				
5173 / 1 / B / Firing Range without filter		15:41	0.2	6.6	9.5	0.0				
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	22.1	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.1	0.0				
5173 / 1 / C / Storage area with filter		15:46	76.7	1.9	4.3	0.6				12
5173 / 1 / C / Storage area without filter		15:46	76.7	1.6	3.2	0.9				19
5173 / 1 / A / Office area ambient air with filter	2/7/2013	14:07	0.4	21.8	0.1	0.0	20s - 50s	none		
5173 / 1 / A / Office area ambient air without filter		14:07	0.4	21.8	0.2	0.0				
5173 / 1 / A / Office area with filter		15:09	0.8	15.4	3.5	0.0				
5173 / 1 / A / Office area without filter		15:09	0.8	15.0	4.2	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:54	0.2	21.4	0.1	0.0				
5173 / 1 / Storage area ambient air, without filter		13:54	0.2	21.2	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:21	135.7	2.0	3.4	0.6				13
5173 / 1 / C / Storage area without filter	15:21	135.7	1.5	3.0	0.9	19				
5173 / 1 / A / Office area ambient air with filter	2/12/2013	13:01	0.1	21.2	0.0	0.0	30s - 40s	none		
5173 / 1 / A / Office area ambient air without filter		13:01	0.1	21.2	0.1	0.0				
5173 / 1 / A / Office area with filter		14:30	0.9	15.4	3.6	0.0				
5173 / 1 / A / Office area without filter		14:30	0.9	15.2	4.3	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.2	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.2	0.0	0.0				
5173 / 1 / B / Firing Range with filter		14:23	0.4	9.4	7.9	0.0				
5173 / 1 / B / Firing Range without filter		14:23	0.4	9.1	7.5	0.0				
5173 / 1 / Storage area ambient air, with filter		12:59	0.0	21.2	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:59	0.0	21.2	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:38	109.2	1.9	3.3	0.5				10
5173 / 1 / C / Storage area without filter		14:38	109.2	3.0	3.0	0.7				13
5173 / 1 / A / Office area ambient air with filter	2/21/2013	13:07	0.0	22.3	0.0	0.0	20s	trace		
5173 / 1 / A / Office area ambient air without filter		13:07	0.0	22.3	0.1	0.0				
5173 / 1 / A / Office area with filter		0.9	16.0	3.4	0.0	0.0				
5173 / 1 / A / Office area without filter		0.9	16.0	4.0	0.0	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.1	22.3	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.1	22.3	0.1	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:12	0.1	22.2	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:12	0.1	22.3	0.1	0.0				
5173 / 1 / C / Storage area with filter		90.5	1.8	3.0	0.7	13				
5173 / 1 / C / Storage area without filter		90.5	2.0	2.9	0.9	18				
5173 / 1 / A / Office area ambient air with filter		2/28/2013	13:03	0.0	21.1	0.1				0.0
5173 / 1 / A / Office area ambient air without filter	13:03		0.0	21.1	0.1	0.0				
5173 / 1 / A / Office area with filter	14:31		0.6	14.7	4.0	0.0				
5173 / 1 / A / Office area without filter	14:31		0.6	14.7	4.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter	13:21		0.0	21.3	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter	13:21		0.0	21.3	0.0	0.0				
5173 / 1 / B / Firing Range	Inaccessible due to Firing Range operation									
5173 / 1 / Storage area ambient air, with filter	13:15		0.0	21.2	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter	13:15		0.0	21.2	0.0	0.0				
5173 / 1 / C / Storage area with filter	14:36		63.0	2.3	3.2	0.6	13			
5173 / 1 / C / Storage area without filter	14:36		63.0	2.4	3.1	0.8	16			
5173 / 1 / A / Office area ambient air with filter	3/7/2013		14:00	0.4	21.2	0.1	0.0	30s	None	
5173 / 1 / A / Office area ambient air without filter		14:00	0.4	21.2	0.1	0.0				
5173 / 1 / A / Office area with filter		14:13	0.0	16.4	2.4	0.0				
5173 / 1 / A / Office area without filter		14:13	0.0	15.2	4.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:50	0.4	21.6	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:50	0.4	21.6	0.1	0.0				
5173 / 1 / B / Firing Range with filter		14:17	0.0	9.1	7.1	0.0				
5173 / 1 / B / Firing Range without filter		14:17	0.0	6.9	9.8	0.0				
5173 / 1 / Storage area ambient air, with filter		13:40	0.3	21.5	0.3	0.0				
5173 / 1 / Storage area ambient air, without filter		13:40	0.3	21.5	0.1	0.0				
5173 / 1 / C / Storage area with filter		14:21	47.0	5.1	5.0	0.4	8			
5173 / 1 / C / Storage area without filter		14:21	47.0	3.1	3.1	0.8	15			

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	3/14/2013	13:04	0.0	21.1	0.1	0.0	20s - 40s	None		
5173 / 1 / A / Office area ambient air without filter		13:04	0.0	21.2	0.1	0.0				0
5173 / 1 / A / Office area with filter		14:36	0.0	15.2	4.1	0.0				0
5173 / 1 / A / Office area without filter		14:36	0.0	15.2	4.6	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:33	0.0	21.8	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:33	0.0	21.7	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		14:30	0.1	9.4	9.1	0.0				0
5173 / 1 / B / Firing Range without filter		14:30	0.1	9.6	8.8	0.0				0
5173 / 1 / Storage area ambient air, with filter		13:18	0.0	21.3	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:18	0.0	21.4	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:53	80.1	2.3	3.0	0.4				8
5173 / 1 / C / Storage area without filter		14:53	80.1	2.4	3.3	0.6				13
5173 / 1 / A / Office area ambient air with filter	3/21/2013	13:40	0.0	21.2	0.1	0.0	20s - 30s	Trace		
5173 / 1 / A / Office area ambient air without filter		13:40	0.0	21.3	0.1	0.0				0
5173 / 1 / A / Office area with filter		14:04	0.0	15.1	4.8	0.0				0
5173 / 1 / A / Office area without filter		14:04	0.0	15.1	4.4	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	21.7	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	21.8	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		13:57	0.0	6.7	9.5	0.0				0
5173 / 1 / B / Firing Range without filter		13:57	0.0	6.8	9.8	0.0				0
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.8	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:11	85.5	4.7	3.6	0.5				11
5173 / 1 / C / Storage area without filter		14:11	85.5	2.5	3.3	0.8				17
5173 / 1 / A / Office area ambient air with filter	3/28/2013	12:41	0.0	21.3	0.0	0.0	30s - 40s	None		
5173 / 1 / A / Office area ambient air without filter		12:41	0.0	21.3	0.0	0.0				0
5173 / 1 / A / Office area with filter		13:21	0.0	15.4	5.4	0.0				0
5173 / 1 / A / Office area without filter		13:21	0.0	15.5	4.4	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		12:42	0.0	21.3	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		12:42	0.0	21.3	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		13:16	0.0	7.3	9.1	0.0				0
5173 / 1 / B / Firing Range without filter		13:16	0.0	7.2	9.8	0.0				0
5173 / 1 / Storage area ambient air, with filter		12:44	0.0	21.3	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		12:44	0.0	21.3	0.0	0.0				0
5173 / 1 / C / Storage area with filter		13:27	109.0	3.1	3.4	0.6				12
5173 / 1 / C / Storage area without filter		13:27	109.0	3.3	3.2	0.8				16
5173 / 1 / A / Office area ambient air with filter	4/4/2013	13:27	0.0	21.3	0.0	0.0	30s - 50s	None		
5173 / 1 / A / Office area ambient air without filter		13:27	0.0	21.3	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:31	0.4	16.1	3.3	0.0				0
5173 / 1 / A / Office area without filter		14:31	0.4	15.9	3.8	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:32	0.0	21.2	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:32	0.0	21.2	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:31	0.0	21.2	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:31	0.0	21.2	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:38	87.2	11.7	1.8	0.4				7
5173 / 1 / C / Storage area without filter		14:38	87.2	13.3	1.6	0.4				8
5173 / 1 / A / Office area ambient air with filter		4/9/2013	13:23	0.0	20.4	0.0				0.0
5173 / 1 / A / Office area ambient air without filter	13:23		0.0	20.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter	14:19		1.1	15.5	3.8	0.0	0			
5173 / 1 / A / Office area without filter	14:19		1.1	15.6	4.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter	13:30		0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter	13:30		0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter	14:26		1.3	6.5	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter	14:26		1.3	10.0	6.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter	13:31		0.0	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter	13:31		0.0	20.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter	14:31		102.1	3.5	3.8	0.5	11			
5173 / 1 / C / Storage area without filter	14:31		102.1	3.7	3.6	0.7	14			
5173 / 1 / A / Office area ambient air with filter	4/18/2013	12:30	0.7	20.6	0.0	0.0	60s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		12:30	0.7	20.6	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:15	1.1	15.2	4.3	0.0				0
5173 / 1 / A / Office area without filter		14:15	1.1	15.2	4.5	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		12:37	0.0	20.4	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		12:37	0.0	20.4	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:35	0.1	20.4	0.2	0.0				0
5173 / 1 / Storage area ambient air, without filter		12:35	0.1	20.4	0.1	0.0				0
5173 / 1 / C / Storage area with filter		14:21	134.9	1.6	5.2	0.6				13
5173 / 1 / C / Storage area without filter		14:21	134.9	1.7	5.3	0.9				18

Table 1

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	4/23/2013	14:09	0.0	21.4	0.0	0	50s - 60s	None		
5173 / 1 / A / Office area ambient air without filter		14:09	0.0	21.4	0.1	0				
5173 / 1 / A / Office area with filter		14:55	0.3	16.1	3.0	0				
5173 / 1 / A / Office area without filter		14:55	0.3	15.9	4.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:52	0.0	20.6	0.1	0				
5173 / 1 / B / Firing Range ambient air without filter		13:52	0.0	20.6	0.0	0				
5173 / 1 / B / Firing Range with filter		14:59	0.2	6.9	10.4	0				
5173 / 1 / B / Firing Range without filter		14:59	0.2	6.9	10.8	0				
5173 / 1 / Storage area ambient air, with filter		14:00	0.0	21.3	0.0	0				
5173 / 1 / Storage area ambient air, without filter		14:00	0.0	21.4	0.0	0				
5173 / 1 / C / Storage area with filter		15:04	77.6	3.5	4.1	0.5				10
5173 / 1 / C / Storage area without filter		15:04	77.6	3.5	4.6	0.8				16
5173 / 1 / A / Office area ambient air with filter	4/30/2013	13:39	0.0	21.3	0.0	0	40s - 70s	None		
5173 / 1 / A / Office area ambient air without filter		13:39	0.0	21.3	0.0	0				
5173 / 1 / A / Office area with filter		14:58	0.0	16.7	3.1	0				
5173 / 1 / A / Office area without filter		14:58	0.0	16.6	3.8	0				
5173 / 1 / B / Firing Range ambient air with filter		13:16	0.0	20.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:16	0.0	20.2	0.0	0				
5173 / 1 / B / Firing Range with filter		15:02	0.5	7.1	9.6	0				
5173 / 1 / B / Firing Range without filter		15:02	0.5	6.8	10.6	0				
5173 / 1 / Storage area ambient air, with filter		13:21	0.0	20.6	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:21	0.0	21.0	0.0	0				
5173 / 1 / C / Storage area with filter		15:06	60.1	2.5	5.8	0.5				10
5173 / 1 / C / Storage area without filter		15:06	60.1	2.6	4.9	0.8				17
5173 / 1 / A / Office area ambient air with filter	5/9/2013	13:35	0.0	20.6	0.0	0	50s - 70s	None		
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	20.6	20.7	0				
5173 / 1 / A / Office area with filter		14:49	0.0	17.5	1.8	0				
5173 / 1 / A / Office area without filter		14:49	0.0	17.3	2.8	0				
5173 / 1 / B / Firing Range ambient air with filter		13:19	0.0	19.5	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:19	0.0	19.6	0.0	0				
5173 / 1 / B / Firing Range with filter		14:51	0.4	7.0	10.3	0				
5173 / 1 / B / Firing Range without filter		14:51	0.4	7.1	10.8	0				
5173 / 1 / Storage area ambient air, with filter		13:27	0.0	20.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:27	0.0	20.1	0.0	0				
5173 / 1 / C / Storage area with filter		14:55	31.5	2.2	5.8	0.6				12
5173 / 1 / C / Storage area without filter		14:55	31.5	2.3	5.5	0.9				18
5173 / 1 / A / Office area ambient air with filter	5/16/2013	12:30	0.0	20.7	0.0	0	40s - 80s	~1 inch		
5173 / 1 / A / Office area ambient air without filter		12:30	0.0	20.7	0.1	0				
5173 / 1 / A / Office area with filter		13:48	1.0	18.1	2.7	0				
5173 / 1 / A / Office area without filter		13:48	1.0	17.9	3.1	0				
5173 / 1 / B / Firing Range ambient air with filter		12:33	0.0	20.7	0.1	0				
5173 / 1 / B / Firing Range ambient air without filter		12:33	0.0	20.7	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:31	0.0	20.7	0.0	0				
5173 / 1 / Storage area ambient air, without filter		12:31	0.0	20.7	0.0	0				
5173 / 1 / C / Storage area with filter		13:59	120.3	1.8	6.5	0.8				15
5173 / 1 / C / Storage area without filter		13:59	120.3	1.5	6.6	1.1				22
5173 / 1 / A / Office area ambient air with filter		5/21/2013	14:06	0.0	20.5	0.0				0
5173 / 1 / A / Office area ambient air without filter	14:06		0.0	20.5	0.0	0				
5173 / 1 / A / Office area with filter	15:37		0.0	18.8	1.8	0				
5173 / 1 / A / Office area without filter	15:37		0.0	18.7	2.5	0				
5173 / 1 / B / Firing Range ambient air with filter	13:50		0.0	19.2	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter	13:50		0.0	19.3	0.0	0				
5173 / 1 / B / Firing Range with filter	15:41		0.9	6.7	12.1	0				
5173 / 1 / B / Firing Range without filter	15:41		0.9	6.8	12.6	0				
5173 / 1 / Storage area ambient air, with filter	13:58		0.0	20.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter	13:58		0.0	20.0	0.0	0				
5173 / 1 / C / Storage area with filter	15:44		79.5	3.1	7.0	0.6	13			
5173 / 1 / C / Storage area without filter	15:44		79.5	3.1	6.6	1.0	20			
5173 / 1 / A / Office area ambient air with filter	5/30/2013	12:20	0.0	20.7	0.0	0	50s - 80s	~1.3 inch		
5173 / 1 / A / Office area ambient air without filter		12:20	0.0	20.7	0.0	0				
5173 / 1 / A / Office area with filter		13:48	1.7	18.6	2.0	0				
5173 / 1 / A / Office area without filter		13:48	1.7	18.4	2.3	0				
5173 / 1 / B / Firing Range ambient air with filter		12:34	0.0	20.8	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		12:34	0.0	20.7	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:36	0.0	20.7	0.0	0				
5173 / 1 / Storage area ambient air, without filter		12:36	0.0	20.7	0.0	0				
5173 / 1 / C / Storage area with filter		13:56	137.2	1.5	7.2	0.8				17
5173 / 1 / C / Storage area without filter		13:56	137.2	1.6	7.4	1.2				25

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)
5173 / 1 / A / Office area ambient air with filter	6/6/2013	13:51	0.1	20.9	0.0	0.0	60s	0.25 inch	
5173 / 1 / A / Office area ambient air without filter		13:51	0.1	20.9	0.1	0.0			
5173 / 1 / A / Office area with filter		15:28	1.8	19.2	2.0	0.0			
5173 / 1 / A / Office area without filter		15:28	1.8	19.0	2.2	0.0			
5173 / 1 / B / Firing Range ambient air with filter		13:56	0.0	20.9	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		13:56	0.0	20.9	0.0	0.0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter		13:55	0.0	20.9	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		13:55	0.0	20.9	0.0	0.0			
5173 / 1 / C / Storage area with filter		15:35	126.8	4.3	6.5	0.8			
5173 / 1 / C / Storage area without filter		15:35	126.8	4.4	6.8	1.1			
5173 / 1 / A / Office area ambient air with filter	6/13/2013	15:25	0.0	20.8	0.0	0.0	60s - 80s	1.55 inches	
5173 / 1 / A / Office area ambient air without filter		15:25	0.0	20.8	0.0	0.0			
5173 / 1 / A / Office area with filter		--	0.0	18.6	2.5	0.0			
5173 / 1 / A / Office area without filter		--	0.0	19.9	0.4	0.0			
5173 / 1 / B / Firing Range ambient air with filter		15:00	0.0	20.9	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		15:00	0.0	20.9	0.0	0.0			
5173 / 1 / B / Firing Range with filter		--	0.7	6.6	12.1	0.0			
5173 / 1 / B / Firing Range without filter		--	0.7	6.6	12.7	0.0			
5173 / 1 / Storage area ambient air, with filter		15:13	0.0	20.8	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		15:13	0.0	20.8	0.0	0.0			
5173 / 1 / C / Storage area with filter		--	86.4	2.0	7.5	1.0			
5173 / 1 / C / Storage area without filter	--	86.4	1.9	7.6	1.4				
5173 / 1 / A / Office area ambient air with filter	6/20/2013	--	0.0	21.0	0.0	0.0	50s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		--	0.0	21.0	0.0	0.0			
5173 / 1 / A / Office area with filter		--	0.9	19.4	0.7	0.0			
5173 / 1 / A / Office area without filter		--	0.9	19.2	1.7	0.0			
5173 / 1 / B / Firing Range ambient air with filter		--	0.0	21.0	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		--	0.0	21.0	0.0	0.0			
5173 / 1 / B / Firing Range with filter		--	2.3	6.4	11.8	0.0			
5173 / 1 / B / Firing Range without filter		--	2.3	6.5	12.5	0.0			
5173 / 1 / Storage area ambient air, with filter		--	0.0	20.9	0.1	0.0			
5173 / 1 / Storage area ambient air, without filter		--	0.0	20.9	0.1	0.0			
5173 / 1 / C / Storage area with filter		--	235.1	2.5	7.6	1.0			
5173 / 1 / C / Storage area without filter	--	235.1	2.4	7.4	1.8				
5173 / 1 / A / Office area ambient air with filter	6/27/2013	13:12	0.0	21.6	0.0	0.0	70s - 80s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:12	21.5	0.0	0.0	0.0			
5173 / 1 / A / Office area with filter		14:23	0.2	19.8	0.7	0.0			
5173 / 1 / A / Office area without filter		14:23	0.2	19.6	1.1	0.0			
5173 / 1 / B / Firing Range ambient air with filter		13:02	0.0	21.5	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		13:02	0.0	21.5	0.0	0.0			
5173 / 1 / B / Firing Range with filter		14:18	0.0	8.6	11.2	0.0			
5173 / 1 / B / Firing Range without filter		14:18	0.0	8.3	11.4	0.0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.7	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	21.7	0.0	0.0			
5173 / 1 / C / Storage area with filter		14:30	223.0	3.1	5.7	1.3			
5173 / 1 / C / Storage area without filter	14:30	223.0	3.0	7.6	1.6				
5173 / 1 / A / Office area ambient air with filter	7/3/2013	12:51	0.0	20.7	0.0	0.0	60s - 80s	Trace	
5173 / 1 / A / Office area ambient air without filter		12:51	0.0	20.7	0.0	0.0			
5173 / 1 / A / Office area with filter		13:09	0.0	19.0	1.8	0.0			
5173 / 1 / A / Office area without filter		13:09	0.0	19.0	1.6	0.0			
5173 / 1 / B / Firing Range ambient air with filter		12:47	0.0	20.7	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		12:47	0.0	20.7	0.1	0.0			
5173 / 1 / B / Firing Range with filter		13:05	5.0	7.7	10.9	0.0			
5173 / 1 / B / Firing Range without filter		13:05	5.0	7.7	11.7	0.0			
5173 / 1 / Storage area ambient air, with filter		12:49	0	20.8	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		12:49	0	20.8	0.0	0.0			
5173 / 1 / C / Storage area with filter		13:25	217	3.3	6.5	1.2			
5173 / 1 / C / Storage area without filter	13:25	217	3.0	7.4	1.6				
5173 / 1 / A / Office area ambient air with filter	7/11/2013	13:34	0.0	20.7	0.0	0.0	60s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		13:34	0.0	20.7	0.0	0.0			
5173 / 1 / A / Office area with filter		15:20	2.4	19.3	1.7	0.0			
5173 / 1 / A / Office area without filter		15:20	2.4	19.2	1.6	0.0			
5173 / 1 / B / Firing Range ambient air with filter		13:30	0.0	20.8	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		13:30	0.0	20.8	0.0	0.0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter		13:32	0.0	20.8	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		13:32	0.0	20.8	0.1	0.0			
5173 / 1 / C / Storage area with filter		15:25	102.6	1.7	7.8	1.2			
5173 / 1 / C / Storage area without filter		15:25	102.6	1.9	8.0	1.8			

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	7/18/2013	12:34	0.0	20.7	0.0	0.0	70s - 90s	None		
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	20.8	0.0	0.0				
5173 / 1 / A / Office area with filter		15:16	1.9	19.7	1.5	0.0				
5173 / 1 / A / Office area without filter		15:16	1.9	19.8	1.3	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:30	0.0	20.7	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		12:30	0.0	20.7	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:09	5.0	8.0	11.0	0.0				
5173 / 1 / B / Firing Range without filter		15:09	5.0	7.7	11.9	0.0				
5173 / 1 / Storage area ambient air, with filter		12:32	0	20.7	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:32	0	20.7	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:45	126.3	2.0	8.0	1.3				25
5173 / 1 / C / Storage area without filter		15:45	126.3	2.9	8.0	1.9				37
5173 / 1 / A / Office area ambient air with filter	7/25/2013	13:18	0.0	20.9	0.0	0.0	50s - 70s	None		
5173 / 1 / A / Office area ambient air without filter		13:18	0.0	20.9	0.0	0.0				
5173 / 1 / A / Office area with filter		14:46	2.4	19.6	1.6	0.0				
5173 / 1 / A / Office area without filter		14:46	2.4	19.6	1.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	20.9	0.1	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:16	0	21.0	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:16	0	21.0	0.1	0.0				
5173 / 1 / C / Storage area with filter		14:51	113.6	2.7	7.4	1.5				29
5173 / 1 / C / Storage area without filter		14:51	113.6	2.8	7.7	1.9				38
5173 / 1 / A / Office area ambient air with filter		8/1/2013	13:34	0.0	20.8	0.1				0.0
5173 / 1 / A / Office area ambient air without filter	13:34		0.0	20.8	0.0	0.0				
5173 / 1 / A / Office area with filter	14:41		1.0	18.9	2.5	0.0				
5173 / 1 / A / Office area without filter	14:41		1.0	19.0	1.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter	13:31		0.0	20.8	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter	13:31		0.0	20.8	0.0	0.0				
5173 / 1 / B / Firing Range with filter	14:35		0.9	7.4	11.3	0.0				
5173 / 1 / B / Firing Range without filter	14:35		0.9	7.5	11.5	0.0				
5173 / 1 / Storage area ambient air, with filter	13:32		0	20.8	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter	13:32		0	20.7	0.0	0.0				
5173 / 1 / C / Storage area with filter	14:46		173.9	2.1	6.7	1.5	29			
5173 / 1 / C / Storage area without filter	14:46		173.9	2.5	7.4	2.1	41			
5173 / 1 / A / Office area ambient air with filter	8/6/2013	13:08	0.0	20.6	0.0	0.0	60s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		13:08	0.0	20.6	0.0	0.0				
5173 / 1 / A / Office area with filter		14:15	1.5	18.7	2.0	0.0				
5173 / 1 / A / Office area without filter		14:15	1.5	18.6	1.6	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:04	0.0	20.6	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:04	0.0	20.7	0.0	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:06	0	20.6	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:06	0	20.6	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:21	151.3	2.6	7.0	1.5				30
5173 / 1 / C / Storage area without filter		14:21	151.3	3.0	7.0	2.2				44
5173 / 1 / A / Office area ambient air with filter		8/15/2013	12:52	0.0	20.8	0.0				0.0
5173 / 1 / A / Office area ambient air without filter	12:52		0.0	20.8	0.0	0.0				
5173 / 1 / A / Office area with filter	13:51		0.3	19.3	2.2	0.0				
5173 / 1 / A / Office area without filter	13:51		0.3	19.2	1.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter	12:50		0.0	20.8	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter	12:50		0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range with filter	13:45		1.8	6.4	11.4	0.0				
5173 / 1 / B / Firing Range without filter	13:45		1.8	6.6	11.7	0.0				
5173 / 1 / Storage area ambient air, with filter	12:54		0	20.8	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter	12:54		0	20.8	0.0	0.0				
5173 / 1 / C / Storage area with filter	13:57		85.8	2.3	6.6	1.5	30			
5173 / 1 / C / Storage area without filter	13:57		85.8	2.8	6.7	2.0	40			
5173 / 1 / A / Office area ambient air with filter	8/22/2013	13:43	0.0	20.4	0.0	0.0	60s - 80s	Trace (0.06 in.)		
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.4	0.0	0.0				
5173 / 1 / A / Office area with filter		14:53	0.0	18.9	1.4	0.0				
5173 / 1 / A / Office area without filter		14:53	0.0	18.9	1.4	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.4	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.4	0.0	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.3	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.3	0.1	0.0				
5173 / 1 / C / Storage area with filter		15:00	91.2	1.6	7.0	1.4				28
5173 / 1 / C / Storage area without filter		15:00	91.2	1.8	7.0	2.2				45

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	8/27/2013	13:28	0.0	20.5	0.0	0.0	70s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.5	0.0	0.0				
5173 / 1 / A / Office area with filter		14:30	1.9	19.2	1.6	0.0				
5173 / 1 / A / Office area without filter		14:30	1.9	19.1	1.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:25	0.0	20.5	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:25	0.0	20.5	0.0	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:27	0.1	20.4	0.1	0.0				
5173 / 1 / Storage area ambient air, without filter		13:27	0.1	20.4	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:35	91.4	3.1	6.4	1.5				29
5173 / 1 / C / Storage area without filter		14:35	91.4	2.0	7.0	2.6				51
5173 / 1 / A / Office area ambient air with filter	9/5/2013	15:09	-	21.0	0.0	0.0	50s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		15:09	-	21.1	0.0	0.0				
5173 / 1 / A / Office area with filter		15:32	1.0	19.2	1.1	0.0				
5173 / 1 / A / Office area without filter		15:32	1.0	19.1	1.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter		15:00	-	20.2	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		15:00	-	20.3	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:40	1.5	6.4	11.2	0.0				
5173 / 1 / B / Firing Range without filter		15:40	1.5	6.6	11.6	0.0				
5173 / 1 / Storage area ambient air, with filter		15:16	-	20.7	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		15:16	0	2.8	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:46	85	2.3	6.9	1.6				33
5173 / 1 / C / Storage area without filter	15:46	85	2.3	6.8	2.2	45				
5173 / 1 / A / Office area ambient air with filter	9/12/2013	14:42	0.0	21.0	0.0	0.0	60s-80s	0.29 inches		
5173 / 1 / A / Office area ambient air without filter		14:42	0.0	21.0	0.0	0.0				
5173 / 1 / A / Office area with filter		17:35	0.3	20.0	0.7	0.0				
5173 / 1 / A / Office area without filter		17:35	0.3	19.9	1.0	0.0				
5173 / 1 / B / Firing Range ambient air with filter		14:55	0.0	21.1	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		14:55	0.0	21.1	0.0	0.0				
5173 / 1 / B / Firing Range with filter		17:40	0.0	6.8	11.4	0.0				
5173 / 1 / B / Firing Range without filter		17:40	0.0	6.8	11.7	0.0				
5173 / 1 / Storage area ambient air, with filter		15:04	0	20.8	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		15:04	0	20.8	0.0	0.0				
5173 / 1 / C / Storage area with filter		17:43	83.4	2.4	7.0	1.7				33
5173 / 1 / C / Storage area without filter	17:43	83.4	2.4	6.9	2.3	46				
5173 / 1 / A / Office area ambient air with filter	9/20/2013	13:28	0.0	20.7	0.0	0.0	60s - 80s	0.6 inches	1009 - 1013	
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.7	0.0	0.0				
5173 / 1 / A / Office area with filter		14:20	0.4	18.7	1.0	0.0				
5173 / 1 / A / Office area without filter		14:20	0.4	18.6	1.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	20.9	0.0	0.0				
5173 / 1 / B / Firing Range with filter		14:24	1.2	6.5	10.6	0.0				
5173 / 1 / B / Firing Range without filter		14:24	1.2	6.5	10.9	0.0				
5173 / 1 / Storage area ambient air, with filter		13:44	0.2	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:44	0.2	20.9	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:29	88.9	2.0	6.3	1.4				28
5173 / 1 / C / Storage area without filter	14:29	88.9	2.1	6.1	1.9	38				
5173 / 1 / A / Office area ambient air with filter	9/24/2013	13:43	0.0	20.8	0.0	0.0	40s - 70s	None	1016 - 1018	
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.9	0.0	0.0				
5173 / 1 / A / Office area with filter		14:44	0.3	18.1	1.4	0.0				
5173 / 1 / A / Office area without filter		14:44	0.3	18.0	1.5	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.8	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.8	0.0	0.0				
5173 / 1 / B / Firing Range with filter		14:38	1.2	6.7	10.0	0.0				
5173 / 1 / B / Firing Range without filter		14:38	1.2	6.7	10.6	0.0				
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.8	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.8	0.1	0.0				
5173 / 1 / C / Storage area with filter		14:49	113.7	2.0	5.7	1.6				31
5173 / 1 / C / Storage area without filter	14:49	113.7	2.0	5.9	2.1	41				
5173 / 1 / A / Office area ambient air with filter	10/3/2013	13:03	0.0	20.8	0.0	0.0	60s - 70s	0.27 inches	1015 - 1022	
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.8	0.0	0.0				
5173 / 1 / A / Office area with filter		13:39	0.0	17.9	2.5	0.0				
5173 / 1 / A / Office area without filter		13:39	0.0	17.9	1.6	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:18	0	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:18	0	21.0	0.0	0.0				
5173 / 1 / C / Storage area with filter		13:41	121.1	1.7	5.2	1.5				28
5173 / 1 / C / Storage area without filter		13:41	121.1	1.8	5.9	2.0				40

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)				
5173 / 1 / A / Office area ambient air with filter	10/10/2013	13:26	0.0	20.8	0.0	0.0	40s - 70s	None	1020 - 1022				
5173 / 1 / A / Office area ambient air without filter		13:26	0.0	20.9	0.0	0.0							
5173 / 1 / A / Office area with filter		13:56	0.6	16.2	1.5	0.0							
5173 / 1 / A / Office area without filter		13:56	0.6	16.2	1.8	0.0							
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	20.8	0.0	0.0							
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	20.8	0.0	0.0							
5173 / 1 / B / Firing Range with filter		14:01	1.3	6.0	9.7	0.0							
5173 / 1 / B / Firing Range without filter		14:01	1.3	5.8	10.4	0.0							
5173 / 1 / Storage area ambient air, with filter		13:13	0.05	20.6	0.0	0.0							
5173 / 1 / Storage area ambient air, without filter		13:13	0.05	20.6	0.0	0.0							
5173 / 1 / C / Storage area with filter		14:12	91.55	2.4	5.6	1.4 28							
5173 / 1 / C / Storage area without filter		14:12	91.55	1.8	5.2	1.9 39							
5173 / 1 / A / Office area ambient air with filter	10/17/2013	13:14	0.0	20.7	0.1	0.0	40s - 50s	0.1 inches	1011 - 1014				
5173 / 1 / A / Office area ambient air without filter		13:14	0.0	20.7	0.1	0.0							
5173 / 1 / A / Office area with filter		14:53	0.5	16.4	2.5	0.0							
5173 / 1 / A / Office area without filter		14:53	0.5	16.3	2.2	0.0							
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation											
5173 / 1 / Storage area ambient air, with filter		13:20	0	20.8	0.1	0.0							
5173 / 1 / Storage area ambient air, without filter		13:20	0	20.8	0.0	0.0							
5173 / 1 / C / Storage area with filter		14:58	138.6	2.4	4.9	1.4 28							
5173 / 1 / C / Storage area without filter		14:58	138.6	2.2	5.2	1.9 38							
5173 / 1 / A / Office area ambient air with filter		10/24/2013	12:26	0.0	21.0	0.1				0.0	30s - 40s	Trace (0.02 inches)	1015 - 1025
5173 / 1 / A / Office area ambient air without filter			12:26	0.0	20.9	0.0				0.0			
5173 / 1 / A / Office area with filter			13:50	3.6	16.2	1.3				0.0			
5173 / 1 / A / Office area without filter	13:50		3.6	16.0	2.6	0.0							
5173 / 1 / B / Firing Range	Inaccessible due to Firing Range operation												
5173 / 1 / Storage area ambient air, with filter	12:43		0	21.2	0.0	0.0							
5173 / 1 / Storage area ambient air, without filter	12:43		0	21.4	0.0	0.0							
5173 / 1 / C / Storage area with filter	13:54		223	4.3	2.5	1.0 20							
5173 / 1 / C / Storage area without filter	13:54		223	4.9	4.2	1.3 25							
5173 / 1 / A / Office area ambient air with filter	10/31/2013		13:36	0.0	21.1	0.1	0.0	60s	1.25 inches	1000 - 1010			
5173 / 1 / A / Office area ambient air without filter			13:36	0.0	21.1	0.1	0.0						
5173 / 1 / A / Office area with filter			15:17	1.5	16.6	3.0	0.0						
5173 / 1 / A / Office area without filter		15:17	1.5	16.8	2.0	0.0							
5173 / 1 / B / Firing Range ambient air with filter		13:13	0.0	21.1	0.0	0.0							
5173 / 1 / B / Firing Range ambient air without filter		13:13	0.0	21.0	0.0	0.0							
5173 / 1 / B / Firing Range with filter		15:21	1.9	10.3	6.6	0.0							
5173 / 1 / B / Firing Range without filter		15:21	1.9	10.3	7.0	0.0							
5173 / 1 / Storage area ambient air, with filter		13:26	0.3	21.1	0.0	0.0							
5173 / 1 / Storage area ambient air, without filter		13:26	0.3	21.0	0.0	0.0							
5173 / 1 / C / Storage area with filter		15:26	103.3	7.4	3.7	0.7 14							
5173 / 1 / C / Storage area without filter		15:26	103.3	7.4	3.2	1.0 19							
5173 / 1 / A / Office area ambient air with filter	11/7/2013	12:48	0.0	20.9	0.1	0.0	40s	Trace (0.04 inches)	1020 - 1025				
5173 / 1 / A / Office area ambient air without filter		12:48	0.0	21.0	0.1	0.0							
5173 / 1 / A / Office area with filter		14:04	1.5	15.3	3.4	0.0							
5173 / 1 / A / Office area without filter		14:04	1.5	15.2	3.4	0.0							
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation											
5173 / 1 / Storage area ambient air, with filter		12:51	0	21.0	0.0	0.0							
5173 / 1 / Storage area ambient air, without filter		12:51	0	21.0	0.0	0.0							
5173 / 1 / C / Storage area with filter		14:09	112.3	3.0	3.7	1.0 20							
5173 / 1 / C / Storage area without filter		14:09	112.3	3.0	4.2	1.3 26							
5173 / 1 / A / Office area ambient air with filter		11/12/2013	12:48	0.0	21.1	0.0				0.0	20s - 30s	Trace (0.05 inches)	1030 - 1036
5173 / 1 / A / Office area ambient air without filter			12:48	0.0	21.1	0.0				0.0			
5173 / 1 / A / Office area with filter			13:45	1.2	15.3	3.3				0.0			
5173 / 1 / A / Office area without filter	13:45		1.2	15.2	3.1	0.0							
5173 / 1 / B / Firing Range	Inaccessible due to Firing Range operation												
5173 / 1 / Storage area ambient air, with filter	12:44		0.0	21.2	0.0	0.0							
5173 / 1 / Storage area ambient air, without filter	12:44		0.0	21.3	0.0	0.0							
5173 / 1 / C / Storage area with filter	13:52		105.9	3.1	3.4	1.0 20							
5173 / 1 / C / Storage area without filter	13:52		105.9	2.9	3.9	1.3 26							

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)
5173 / 1 / A / Office area ambient air with filter	11/20/2013	14:31	0.0	21.2	0.0	0	20s - 40s	None	1023 - 1026
5173 / 1 / A / Office area ambient air without filter		14:31	0.0	21.2	0.0	0			
5173 / 1 / A / Office area with filter		14:45	0.0	15.5	3.0	0			
5173 / 1 / A / Office area without filter		14:45	0.0	15.2	3.4	0			
5173 / 1 / B / Firing Range ambient air with filter		14:42	0.0	21.2	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:42	0.0	21.2	0.0	0			
5173 / 1 / B / Firing Range with filter		14:47	0.0	6.7	8.1	0			
5173 / 1 / B / Firing Range without filter		14:47	0.0	6.4	9.3	0			
5173 / 1 / Storage area ambient air, with filter		14:35	0.0	21.1	0.1	0			
5173 / 1 / Storage area ambient air, without filter		14:35	0.0	21.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:49	133.9	3.2	4.3	0.9			
5173 / 1 / C / Storage area without filter		14:49	133.9	2.8	3.7	1.3			
5173 / 1 / A / Office area ambient air with filter	11/26/2013	14:10	0.0	21.1	0.0	0	30s	Trace (0.01 inches)	1013 - 1019
5173 / 1 / A / Office area ambient air without filter		14:10	0.0	21.1	0.0	0			
5173 / 1 / A / Office area with filter		14:45	0.0	14.6	4.7	0			
5173 / 1 / A / Office area without filter		14:45	0.0	14.8	3.8	0			
5173 / 1 / B / Firing Range ambient air with filter		14:15	0.0	20.9	0.1	0			
5173 / 1 / B / Firing Range ambient air without filter		14:15	0.0	21.0	0.1	0			
5173 / 1 / B / Firing Range with filter		14:51	0.0	6.5	8.8	0			
5173 / 1 / B / Firing Range without filter		14:51	0.0	6.6	9.1	0			
5173 / 1 / Storage area ambient air, with filter		13:56	0.0	21.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:56	0.0	21.2	0.0	0			
5173 / 1 / C / Storage area with filter		14:57	90.7	2.3	4.2	1.0			
5173 / 1 / C / Storage area without filter		14:57	90.7	2.2	3.5	1.3			
5173 / 1 / A / Office area ambient air with filter	12/5/2013	13:33	0.1	21.8	0.0	0	30s - 40s	0.07 inches	1013 - 1016
5173 / 1 / A / Office area ambient air without filter		13:33	0.1	21.7	0.1	0			
5173 / 1 / A / Office area with filter		15:07	1.2	14.8	3.6	0			
5173 / 1 / A / Office area without filter		15:07	1.2	14.8	4.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:14	0.0	21.4	0.1	0			
5173 / 1 / B / Firing Range ambient air without filter		14:14	0.0	21.5	0.1	0			
5173 / 1 / B / Firing Range with filter		14:59	1.9	6.6	8.9	0			
5173 / 1 / B / Firing Range without filter		14:59	1.9	6.6	9.4	0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.3	21.5	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.3	21.7	0.0	0			
5173 / 1 / C / Storage area with filter		15:11	189.7	2.8	3.5	0.9			
5173 / 1 / C / Storage area without filter		15:11	189.7	2.7	3.5	1.3			
5173 / 1 / A / Office area ambient air with filter	12/12/2013	13:59	0.0	21.0	0.1	0	15 - 20	None	1030 - 1036
5173 / 1 / A / Office area ambient air without filter		13:59	0.0	21.1	0.1	0			
5173 / 1 / A / Office area with filter		15:52	0.6	18.8	2.5	0			
5173 / 1 / A / Office area without filter		15:52	0.6	19.2	1.4	0			
5173 / 1 / B / Firing Range ambient air with filter		14:18	0.0	21.2	0.1	0			
5173 / 1 / B / Firing Range ambient air without filter		14:18	0.0	21.3	0.0	0			
5173 / 1 / B / Firing Range with filter		1.6	6.8	8.3	0.0	0			
5173 / 1 / B / Firing Range without filter		1.6	6.5	9.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:33	0.0	21.5	0.1	0			
5173 / 1 / Storage area ambient air, without filter		14:33	0.0	21.5	0.0	0			
5173 / 1 / C / Storage area with filter		15:57	96.2	8.8	2.9	0.3			
5173 / 1 / C / Storage area without filter		15:57	96.2	8.7	2.7	0.5			
5173 / 1 / A / Office area ambient air with filter	12/19/2013	14:36	0.0	21.6	0.0	0	30s - 40s	None	1016 - 1018
5173 / 1 / A / Office area ambient air without filter		14:36	0.0	21.5	0.1	0			
5173 / 1 / A / Office area with filter		15:00	0.6	20.8	0.5	0			
5173 / 1 / A / Office area without filter		15:00	0.6	20.7	0.6	0			
5173 / 1 / B / Firing Range ambient air with filter		14:39	0.0	21.6	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:39	0.0	21.6	0.0	0			
5173 / 1 / B / Firing Range with filter		15:05	0.0	9.0	7.8	0			
5173 / 1 / B / Firing Range without filter		15:05	0.0	9.1	8.3	0			
5173 / 1 / Storage area ambient air, with filter		14:23	0.0	21.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:23	0.0	21.3	0.0	0			
5173 / 1 / C / Storage area with filter		15:08	116.3	11.8	1.3	0.1			
5173 / 1 / C / Storage area without filter		15:08	116.3	11.7	1.8	0.2			

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	12/23/2013	12:46	0.0	21.5	0.0	0.0	20s - 30s	Trace (0.02 inches)	1026 - 1029	
5173 / 1 / A / Office area ambient air without filter		12:46	0.0	21.5	0.0	0.0				
5173 / 1 / A / Office area with filter		13:04	0.0	16.4	4.0	0.0				
5173 / 1 / A / Office area without filter		13:04	0.0	16.5	2.7	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:41	0.0	21.6	0.1	0.0				
5173 / 1 / B / Firing Range ambient air without filter		12:41	0.0	21.6	0.0	0.0				
5173 / 1 / B / Firing Range with filter		13:10	0.4	11.0	7.0	0.0				
5173 / 1 / B / Firing Range without filter		13:10	0.4	10.6	8.3	0.0				
5173 / 1 / Storage area ambient air, with filter		12:43	0.0	21.6	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:43	0.0	21.6	0.0	0.0				
5173 / 1 / C / Storage area with filter		13:15	126.8	13.2	2.9	0.2				
5173 / 1 / C / Storage area without filter		13:15	126.8	13.4	1.8	0.2				
5173 / 1 / A / Office area ambient air with filter	1/2/2014	15:48	0.0	22.0	0.0	0.0	20 - 30	5.46 inches	1012 - 1026	
5173 / 1 / A / Office area ambient air without filter		15:48	0.0	22.0	0.1	0.0				
5173 / 1 / A / Office area with filter		16:25	0.8	21.2	0.2	0.0				
5173 / 1 / A / Office area without filter		16:25	0.8	21.1	0.4	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		15:42	0.0	21.5	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		15:42	0.0	21.7	0.0	0.0				
5173 / 1 / C / Storage area with filter		16:28	86.4	15.0	0.5	0.0				
5173 / 1 / C / Storage area without filter		16:28	86.4	14.7	1.4	0.1				
5173 / 1 / A / Office area ambient air with filter	1/9/2014	13:35	0.0	21.2	0.0	0.0	20s - 30s	1.55 inches	1026 - 1035	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.3	0.1	0.0				
5173 / 1 / A / Office area with filter		14:56	3.3	20.7	1.8	0.0				
5173 / 1 / A / Office area without filter		14:56	3.3	21.0	0.2	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:31	0.0	21.2	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:31	0.0	21.2	0.0	0.0				
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:33	0.0	21.1	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:33	0.0	21.2	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:00	81.4	10.2	0.8	0.1				
5173 / 1 / C / Storage area without filter		15:00	81.4	9.8	1.4	0.2				
5173 / 1 / A / Office area ambient air with filter	1/16/2014	12:34	0.0	21.1	0.0	0.0	20s - 30s	0.97 inches	1008 - 1019	
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	21.0	0.0	0.0				
5173 / 1 / A / Office area with filter		13:13	2.1	21.0	0.4	0.0				
5173 / 1 / A / Office area without filter		13:13	2.1	20.9	0.1	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:36	0.0	20.9	0	0				
5173 / 1 / B / Firing Range ambient air without filter		12:36	0.0	20.9	0	0				
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:37	0.0	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:37	0.0	20.9	0.1	0.0				
5173 / 1 / C / Storage area with filter		13:20	96.1	14.7	1.0	0.1				
5173 / 1 / C / Storage area without filter		13:20	96.1	14.6	1.5	0.2				
5173 / 1 / A / Office area ambient air with filter	1/23/2014	12:13	0.0	21.5	0.0	0.0	5 - 15	Trace	1019 - 1038	
5173 / 1 / A / Office area ambient air without filter		12:13	0.0	21.5	0.0	0.0				
5173 / 1 / A / Office area with filter		13:20	2.6	21.2	0.8	0.0				
5173 / 1 / A / Office area without filter		13:20	2.6	21.3	0.1	0.0				
5173 / 1 / B / Firing Range ambient air with filter		12:10	0.0	21.4	0.1	0				
5173 / 1 / B / Firing Range ambient air without filter		12:10	0.0	21.4	0	0				
5173 / 1 / B / Firing Range with filter		13:13	3.4	18.8	5.3	0.0				
5173 / 1 / B / Firing Range without filter		13:13	3.4	18.7	4.7	0.0				
5173 / 1 / Storage area ambient air, with filter		12:12	0.0	21.4	0.1	0.0				
5173 / 1 / Storage area ambient air, without filter		12:12	0.0	21.4	0.0	0.0				
5173 / 1 / C / Storage area with filter		13:27	72.8	15.8	0.5	0.1				
5173 / 1 / C / Storage area without filter		13:27	72.8	15.7	1.2	0.2				
5173 / 1 / A / Office area ambient air with filter	1/28/2014	13:35	0.0	21.8	0.1	0.0	5	None	1030 - 1033	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.8	0.1	0.0				
5173 / 1 / A / Office area with filter		14:35	0.0	21.1	0.3	0.0				
5173 / 1 / A / Office area without filter		14:35	0.0	21.1	0.1	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.1	21.3	0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.1	21.4	0	0				
5173 / 1 / B / Firing Range with filter		14:44	0.0	18.8	3.5	0.0				
5173 / 1 / B / Firing Range without filter		14:44	0.0	18.8	4.2	0.0				
5173 / 1 / Storage area ambient air, with filter		13:19	0.0	21.4	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:19	0.0	21.5	0.0	0.0				
5173 / 1 / C / Storage area with filter		14:50	60.9	15.5	0.7	0.1				
5173 / 1 / C / Storage area without filter		14:50	60.9	15.0	1.2	0.2				

Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	2/6/2014	13:10	0.0	21.1	0.1	0.0	15 - 25	0.3 inches	1029 - 1032	
5173 / 1 / A / Office area ambient air without filter		13:10	0.0	21.0	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:00	2.3	21.2	0.1	0.0				0
5173 / 1 / A / Office area without filter		14:00	2.3	21.1	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:12	0.0	20.9	0.1	0				0
5173 / 1 / B / Firing Range ambient air without filter		13:12	0.0	20.9	0	0				0
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:14	0.0	21.0	0.1	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:14	0.0	21.1	0.1	0.0				0
5173 / 1 / C / Storage area with filter		14:10	105.9	16.9	1.0	0.1				2
5173 / 1 / C / Storage area without filter		14:10	105.9	16.8	1.2	0.1				2
5173 / 1 / A / Office area ambient air with filter	2/13/2014	13:48	0.0	21.2	0.0	0.0	25 - 35	None	1003 - 1018	
5173 / 1 / A / Office area ambient air without filter		13:48	0.0	21.3	0.1	0.0				0
5173 / 1 / A / Office area with filter		15:30	1.8	20.9	2.4	0.0				0
5173 / 1 / A / Office area without filter		15:30	1.8	21.2	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	21.1	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	21.3	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		15:25	4.1	19.2	2.5	0.0				0
5173 / 1 / B / Firing Range without filter		15:25	4.1	19.1	3.1	0.0				0
5173 / 1 / Storage area ambient air, with filter		9:43	0.0	21.0	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		9:43	0.0	21.0	0.0	0.0				0
5173 / 1 / C / Storage area with filter		9:55	117.4	15.9	0.8	0.1				1
5173 / 1 / C / Storage area without filter		9:55	117.4	15.8	1.2	0.1				1
5173 / 1 / A / Office area ambient air with filter	2/20/2014	13:43	0.0	20.8	0.0	0.0	35 - 40	None	1010 - 1014	
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.7	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:25	0.4	20.5	0.8	0.0				0
5173 / 1 / A / Office area without filter		14:25	0.4	20.8	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:44	0.0	20.7	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:44	0.0	20.7	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:45	0.0	20.7	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:45	0.0	20.7	0.1	0.0				0
5173 / 1 / C / Storage area with filter		14:32	63.4	16.5	1.0	0.0				0
5173 / 1 / C / Storage area without filter		14:32	63.4	16.5	1.2	0.1				2
5173 / 1 / A / Office area ambient air with filter	2/27/2014	12:56	0.0	21.2	0.0	0.0	15 - 25	Trace	1008 - 1024	
5173 / 1 / A / Office area ambient air without filter		12:56	0.0	21.2	0.0	0.0				0
5173 / 1 / A / Office area with filter		13:25	0.9	21.1	0.0	0.0				0
5173 / 1 / A / Office area without filter		13:25	0.9	21.1	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		12:54	0.0	21.3	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		12:54	0.0	21.3	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:52	0.0	21.2	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		12:52	0.0	21.3	0.1	0.0				0
5173 / 1 / C / Storage area with filter		13:32	64.0	16.5	2.3	0.1				1
5173 / 1 / C / Storage area without filter		13:32	64.0	16.6	1.1	0.2				3
5173 / 1 / A / Office area ambient air with filter	3/6/2014	13:40	0.0	20.9	0.0	0.0	35 - 45	None	1020 - 1029	
5173 / 1 / A / Office area ambient air without filter		13:40	0.0	20.9	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:40	0.2	20.7	0.3	0.0				0
5173 / 1 / A / Office area without filter		14:40	0.2	20.6	0.2	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:50	0.0	20.9	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:50	0.0	20.9	0.0	0.0				0
5173 / 1 / C / Storage area with filter		15:00	57.1	16.0	1.2	0.1				2
5173 / 1 / C / Storage area without filter		15:00	57.1	15.8	1.2	0.1				3
5173 / 1 / A / Office area ambient air with filter	4/2/2014	12:44	0.0	21.4	0.1	0.0	50s	Trace (0.15 inches)	1020	
5173 / 1 / A / Office area ambient air without filter		12:44	0.0	21.4	0.0	0.0				0
5173 / 1 / A / Office area with filter		1.0	21.4	0.1	0.0	0				
5173 / 1 / A / Office area without filter		1.0	21.4	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		12:42	0.1	21.4	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		12:42	0.1	21.4	0.1	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:40	0.1	21.3	0.2	0.0				0
5173 / 1 / Storage area ambient air, without filter		12:40	0.1	21.3	0.1	0.0				0
5173 / 1 / C / Storage area with filter		65.3	16.3	1.2	0.1	1				
5173 / 1 / C / Storage area without filter		65.3	16.4	1.0	0.1	2				

**Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	5/8/2014 ^[3]	15:05	0.0	20.6	0.0	0.0	75-85	None	1013-1017	
5173 / 1 / A / Office area ambient air without filter		15:05	0.0	20.6	0.0	0.0				
5173 / 1 / A / Office area with filter		15:55	0.1	20.5	0.0	0.0				
5173 / 1 / A / Office area without filter		15:55	0.1	20.5	0.0	0.0				
5173 / 1 / B / Firing Range ambient air with filter		14:50	0.0	19.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		14:50	0.0	20.0	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:49	2.0	18.1	1.9	0.0				
5173 / 1 / B / Firing Range without filter		15:49	2.0	18.1	2.1	0.0				
5173 / 1 / Storage area ambient air, with filter		14:57	0.0	20.3	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		14:57	0.0	20.3	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:58	51.1	18.2	0.8	0.0				
5173 / 1 / C / Storage area without filter		15:58	51.1	18.2	1.2	0.0				
5173 / 1 / A / Office area ambient air with filter	6/3/2014	12:17	0.0	20.8	0.0	0.0	75-85	Trace	1011-1014	
5173 / 1 / A / Office area ambient air without filter		12:17	0.0	20.8	0.0	0.0				
5173 / 1 / A / Office area with filter		12:32	0.3	21.0	0.0	0.0				
5173 / 1 / A / Office area without filter		12:32	0.3	21.1	0.0	0.0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:43	0.1	21.1	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		12:43	0.1	21.1	0.0	0.0				
5173 / 1 / C / Storage area with filter		12:50	30.9	16.9	2.3	0.0				
5173 / 1 / C / Storage area without filter	12:50	30.9	16.8	2.5	0.1	2				
5173 / 1 / A / Office area ambient air with filter	7/17/2014	13:32	0.0	20.5	0.0	0.0	70-75	None	1016-1020	
5173 / 1 / A / Office area ambient air without filter		13:32	0.0	20.6	0.0	0.0				
5173 / 1 / A / Office area with filter		15:49	0.0	20.2	0.1	0.0				
5173 / 1 / A / Office area without filter		15:49	0.0	20.3	0.0	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:20	0.2	20.6	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:20	0.2	20.7	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:53	4.0	16.2	3.1	0.0				
5173 / 1 / B / Firing Range without filter		15:53	4.0	16.2	3.3	0.0				
5173 / 1 / Storage area ambient air, with filter		13:45	0.0	20.9	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:45	0.0	20.9	0.0	0.0				
5173 / 1 / C / Storage area with filter		16:19	43.2	15.8	2.5	0.0				
5173 / 1 / C / Storage area without filter		16:19	43.2	15.7	2.7	0.0				1
5173 / 1 / A / Office area ambient air with filter	8/14/2014	13:35	0.0	20.9	0.0	0.0	70-80	None	1014-1017	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.0	0.0	0.0				
5173 / 1 / A / Office area with filter		15:13	0.8	20.9	0.0	0.0				
5173 / 1 / A / Office area without filter		15:13	0.8	20.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air with filter		13:08	0.2	20.9	0.0	0.0				
5173 / 1 / B / Firing Range ambient air without filter		13:08	0.2	20.9	0.0	0.0				
5173 / 1 / B / Firing Range with filter		15:08	4.7	16.9	3.2	0.0				
5173 / 1 / B / Firing Range without filter		15:08	4.7	16.9	3.4	0.0				
5173 / 1 / Storage area ambient air, with filter		13:22	0.3	21.0	0.0	0.0				
5173 / 1 / Storage area ambient air, without filter		13:22	0.3	21.0	0.0	0.0				
5173 / 1 / C / Storage area with filter		15:18	51.9	16.6	2.8	0.0				
5173 / 1 / C / Storage area without filter		15:18	51.9	16.6	2.9	0.0				0
5173 / 1 / A / Office area ambient air with filter	10/9/2014	0.0	20.7	0.1	0.0	0	50s	0.3 inches	1017-1021	
5173 / 1 / A / Office area ambient air without filter		0.0	20.7	0.0	0.0	0				
5173 / 1 / A / Office area with filter		13:23	0.0	20.6	0.1	0.0				0
5173 / 1 / A / Office area without filter		13:23	0.0	20.6	0.3	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		0.0	20.7	0.2	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		0.0	20.7	0.1	0.0	0				
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter										
5173 / 1 / Storage area ambient air, with filter		0.0	20.7	0.2	0.0	0				
5173 / 1 / Storage area ambient air, without filter		0.0	20.6	0.2	0.0	0				
5173 / 1 / C / Storage area with filter		13:29	60.4	18.3	1.5	0.0				0
5173 / 1 / C / Storage area without filter		13:29	60.4	18.1	1.7	0.0				0
5173 / 1 / A / Office area ambient air with filter	11/26/2014	13:00	0.0	21.5	0.0	0.0	30-35	None	1018-1023	
5173 / 1 / A / Office area ambient air without filter		13:00	0.0	21.5	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:05	0.6	21.7	0.0	0.0				0
5173 / 1 / A / Office area without filter		14:05	0.6	21.8	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.4	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.4	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:10	23.2	21.1	0.2	0.0				0
5173 / 1 / C / Storage area without filter	14:10	23.2	21.1	0.4	0.0	0				

**Vapor Intrusion Sampling Values
Parcel 5173 Building 15 - SIM Trainer
2031 Dryden Road
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (ppm)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	
5173 / 1 / A / Office area ambient air with filter	2/6/2015	14:05	0.0	21.4	0.0	0	25-35	None	1022 - 1030	
5173 / 1 / A / Office area ambient air without filter		14:05	0.0	21.4	0.0	0				
5173 / 1 / A / Office area with filter		0.0	21.2	1.8	0.0	0				
5173 / 1 / A / Office area without filter		0.0	21.1	2.1	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation / Gas probe damaged per site personnel notification								
5173 / 1 / Storage area ambient air, with filter		14:19	0.1	21.7	0.0	0				0
5173 / 1 / Storage area ambient air, without filter		14:19	0.1	21.7	0.0	0				0
5173 / 1 / C / Storage area with filter		16:33	11.7	20.5	0.5	0.1				3
5173 / 1 / C / Storage area without filter		16:33	11.7	20.6	0.5	0.1				3
5173 / 1 / A / Office area ambient air with filter		5/20/2015	14:43	0.0	20.8	0.0				0
5173 / 1 / A / Office area ambient air without filter	14:43		0.0	20.9	0.1	0.0	0			
5173 / 1 / A / Office area with filter	16:35		0.4	20.9	0.4	0.0	0			
5173 / 1 / A / Office area without filter	16:35		0.4	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter	13:47		0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter	13:47		0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter	16:33		4.7	18.8	1.8	0.0	0			
5173 / 1 / B / Firing Range without filter	16:33		4.7	18.9	1.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter	14:02		0.0	21.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter	14:02		0.0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter	16:54		12.3	18.8	0.8	0.0	0			
5173 / 1 / C / Storage area without filter	16:54		12.3	18.7	0.9	0.0	0			
5173 / 1 / A / Office area ambient air with filter	8/20/2015	10:55	0.0	20.1	0.0	0	65-70	Trace	1009 - 1017	
5173 / 1 / A / Office area ambient air without filter		10:55	0.0	20.2	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:39	0.0	20.0	0.0	0.0				0
5173 / 1 / A / Office area without filter		14:39	0.0	20.2	0.0	0.0				0
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		10:36	0.9	20.2	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		10:36	0.9	20.1	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:43	4.7	17.8	1.5	0.0				0
5173 / 1 / C / Storage area without filter		14:43	4.7	17.7	1.7	0.0				0
5173 / 1 / A / Office area ambient air with filter	11/5/2015	14:06	0.0	21.0	0.0	0	60-70	Trace	1019 - 1021	
5173 / 1 / A / Office area ambient air without filter		14:06	0.0	21.0	0.0	0.0				0
5173 / 1 / A / Office area with filter		14:57	0.7	20.8	0.3	0.0				0
5173 / 1 / A / Office area without filter		14:57	0.7	20.7	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:43	0.0	20.8	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:43	0.0	20.8	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		15:05	2.8	19.7	0.4	0.0				0
5173 / 1 / B / Firing Range without filter		15:05	2.8	19.4	1.3	0.0				0
5173 / 1 / Storage area ambient air, with filter		13:48	0.0	20.8	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:48	0.0	20.8	0.0	0.0				0
5173 / 1 / C / Storage area with filter		15:10	3.7	19.3	0.4	0.0				0
5173 / 1 / C / Storage area without filter		15:10	3.7	19.1	0.9	0.0				0
5173 / 1 / A / Office area ambient air with filter	1/28/2016	14:04	0.0	21.7	0.1	0.0	35-45	Trace	1005 - 1012	
5173 / 1 / A / Office area ambient air without filter		14:04	0.0	21.7	0.1	0.0				0
5173 / 1 / A / Office area with filter		14:31	1.0	21.7	0.2	0.0				0
5173 / 1 / A / Office area without filter		14:31	1.0	21.7	0.1	0.0				0
5173 / 1 / B / Firing Range ambient air with filter		13:45	0.0	21.8	0.0	0.0				0
5173 / 1 / B / Firing Range ambient air without filter		13:45	0.0	21.9	0.0	0.0				0
5173 / 1 / B / Firing Range with filter		14:27	2.6	21	0.3	0.2				0
5173 / 1 / B / Firing Range without filter		14:27	2.6	20.9	0.9	0.0				0
5173 / 1 / Storage area ambient air, with filter		13:52	0.0	21.7	0.0	0.0				0
5173 / 1 / Storage area ambient air, without filter		13:52	0.0	21.7	0.0	0.0				0
5173 / 1 / C / Storage area with filter		14:35	3.7	20.6	0.4	0.0				0
5173 / 1 / C / Storage area without filter		14:35	3.7	20.5	0.5	0.0				0

Notes:

1 - The explosive gas monitor baseline reading was 1 percent LEL. The meter did not zero for LEL readings and the corresponding methane readings were 0 percent; therefore, the readings of 1 percent are anomalous.

2 - Combustible Gas measurements from SIM Trainer were not collected during the week of February 20th, due to range

[3] - CO₂ readings started at 0.1 ppm.

R - Value was rejected (R) as the LEL reading did not correspond to the methane reading of 0 percent.

PID - Photoionization Detector

O₂ - Oxygen

CO₂ - Carbon Dioxide

CH₄ - Methane

LEL - Lower Explosive Limit

U - Qualified as non-detect due to issues with the filter

Value - Value is greater than screening levels for rapid response (USEPA, 2010).

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	11/9/2012	13:54	--	4.1	10.6	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	--	5.6	9.1	0.0	0				
GP-2 (16') without filter		--	--	2.0	11.6	0.0	0				
GP-2 (16') with filter		--	--	4.6	10.0	0.0	0				
GP-2 (12') without filter	11/15/2012	15:04	0.0	2.4	10.8	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	0.0	2.3	10.3	0.0	0				
GP-2 (16') without filter		15:09	0.0	1.0	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	0.9	11.4	0.0	0				
GP-2 (12') without filter	11/20/2012	14:35	0.0	2.2	11.3	0.0	0	50s	Trace		
GP-2 (12') with filter		--	0.0	2.1	11.0	0.0	0				
GP-2 (16') without filter		14:40	0.0	0.9	12.1	0.0	0				
GP-2 (16') with filter		--	0.0	0.8	11.9	0.0	0				
GP-2 (12') without filter	11/29/2012	13:53	0.0	4.3	11.0	0.0	0	40s - 50s	none		
GP-2 (12') with filter		--	0.0	4.7	11.2	0.0	0				
GP-2 (16') without filter		13:58	0.0	2.1	12.1	0.0	0				
GP-2 (16') with filter		13:58	0.0	2.0	11.9	0.0	0				
GP-2 (12') without filter	12/4/2012	16:03	0.0	6.6	9.6	0.0	0	50s	rainy (~0.3 inches)		
GP-2 (12') with filter		--	0.0	6.7	8.5	0.0	0				
GP-2 (16') without filter		16:08	--	6.1	10.3	0.0	0				
GP-2 (16') with filter		--	--	6.4	9.2	0.0	0				
GP-2 (12') without filter	12/13/2012	13:44	0.0	6.6	9.7	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	6.9	9.3	0.1 U	2 U				
GP-2 (16') without filter		13:39	0.0	3.7	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	4.1	10.2	0.1 U	2 U				
GP-2 (12') without filter	12/18/2012	13:30	0.0	8.2	9.2	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	8.1	8.9	0.0	1 ^[1]				
GP-2 (16') without filter		--	0.0	5.8	10.8	0.0	0				
GP-2 (16') with filter		--	0.0	5.7	10.4	0.0	1 ^[1]				
GP-2 (12') without filter	1/24/2013	15:34	0.0	19.9	2.6	0.0	0.0	20s	none		
GP-2 (12') with filter		15:34	0.0	18.6	2.2	0.0	0.0				
GP-2 (16') without filter		15:40	0.0	15.3	7.7	0.0	0.0				
GP-2 (16') with filter		15:40	0.0	16.9	1.6	0.0	0.0				
GP-2 (12') without filter	1/31/2013	13:50	0.0	17.5	5.0	0.0	0.0	10s - 20s	none		
GP-2 (12') with filter		13:50	0.0	17.1	4.2	0.0	0.0				
GP-2 (16') without filter		13:55	0.0	16.8	5.0	0.0	0.0				
GP-2 (16') with filter		13:55	0.0	17.2	3.4	0.0	0.0				

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	2/7/2013	15:14	0.0	15.4	5.4	0.0	0.0	20s - 50s	none		
GP-2 (12') with filter		15:14	0.0	16.0	3.5	0.0	0.0				
GP-2 (16') without filter		15:17	0.0	15.0	6.4	0.0	0.0				
GP-2 (16') with filter		15:17	0.0	15.3	4.5	0.0	0.0				
GP-2 (12') without filter	2/12/2013	12:30	0.1	9.2	8.8	0.0	0.0	30s - 40s	none		
GP-2 (12') with filter		12:30	0.1	9.7	8.4	0.0	0.0				
GP-2 (16') without filter		12:45	0.0	7.5	9.1	0.0	0.0				
GP-2 (16') with filter		12:45	0.0	6.9	8.2	0.0	0.0				
GP-2 (12') without filter	2/21/2013	13:45	0.0	8.8	8.5	0.0	0.0	20s	trace		
GP-2 (12') with filter		13:45	0.0	9.1	8.0	0.0	0.0				
GP-2 (16') without filter		13:50	0.0	6.9	7.0	0.0	0.0				
GP-2 (16') with filter		13:50	0.0	7.0	6.7	0.0	0.0				
GP-2 (12') without filter	2/28/2013	12:45	0.0	15.8	4.9	0.0	0.0	30s - 40s	~1 inch		
GP-2 (12') with filter		12:45	0.0	15.8	5.1	0.0	0.0				
GP-2 (16') without filter		12:49	0.0	13.6	6.2	0.0	0.0				
GP-2 (16') with filter		12:49	0.0	13.5	6.2	0.0	0.0				
GP-2	3/7/2013	Inaccessible due to snow cover from road plow activity						30s	None		
GP-2 (12') without filter	3/14/2013	13:45	0.0	16.2	4.3	0.0	0.0	20s - 40s	None		
GP-2 (12') with filter		13:45	0.0	16.1	4.4	0.0	0.0				
GP-2 (16') without filter		13:53	0.0	13.9	6.1	0.0	0.0				
GP-2 (16') with filter		13:53	0.0	13.9	6.2	0.0	0.0				
GP-2 (12') without filter	3/21/2013	12:20	0.0	15.9	3.8	0.0	0.0	20s - 30s	Trace		
GP-2 (12') with filter		12:20	0.0	15.9	3.9	0.0	0.0				
GP-2 (16') without filter		12:26	0.0	14.2	5.7	0.0	0.0				
GP-2 (16') with filter		12:26	0.0	14.1	5.9	0.0	0.0				
GP-2 (12') without filter	3/28/2013	12:10	0.0	14.6	6.1	0.0	0.0	30s - 40s	None		
GP-2 (12') with filter		12:10	0.0	14.4	6.3	0.0	0.0				
GP-2 (16') without filter		12:15	0.0	12.9	7.4	0.0	0.0				
GP-2 (16') with filter		12:15	0.0	12.9	7.5	0.0	0.0				
GP-2 (12') without filter	4/4/2013	14:04	0.0	15.7	5.2	0.0	0.0	30s - 50s	None		
GP-2 (12') with filter		14:04	0.0	15.6	5.1	0.0	0.0				
GP-2 (16') without filter		14:11	0.0	13.8	6.0	0.0	0.0				
GP-2 (16') with filter		14:11	0.0	13.8	6.1	0.0	0.0				
GP-2 (12') without filter	4/9/2013	13:56	0.0	13.9	5.2	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		13:56	0.0	13.8	5.5	0.0	0.0				
GP-2 (16') without filter		14:03	0.0	12.2	5.9	0.0	0.0				
GP-2 (16') with filter		14:03	0.0	12.2	6.0	0.0	0.0				

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	4/18/2013	13:48	0.0	14.7	6.1	0.0	0.0	60s - 80s	None		
GP-2 (12') with filter		13:48	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') without filter		13:54	0.0	13.2	7.4	0.0	0.0				
GP-2 (16') with filter		13:54	0.0	13.3	7.2	0.0	0.0				
GP-2 (12') without filter	4/23/2013	14:45	0.0	16.3	3.8	0.0	0.0	50s - 60s	None		
GP-2 (12') with filter		14:45	0.0	16.8	0.8	0.0	0.0				
GP-2 (16') without filter		14:48	0.0	15.9	4.2	0.0	0.0				
GP-2 (16') with filter		14:48	0.0	16.3	2.9	0.0	0.0				
GP-2 (12') without filter	4/30/2013	14:45	0.0	16.8	3.4	0.0	0.0	40s - 70s	None		
GP-2 (12') with filter		14:45	0.0	17.0	0.9	0.0	0.0				
GP-2 (16') without filter		14:50	0.0	16.3	3.9	0.0	0.0				
GP-2 (16') with filter		14:50	0.0	16.7	1.6	0.0	0.0				
GP-2 (12') without filter	5/9/2013	14:41	0.0	14.8	3.3	0.0	0.0	50s - 70s	None		
GP-2 (12') with filter		14:41	0.0	14.9	0.9	0.0	0.0				
GP-2 (16') without filter		14:45	0.0	14.1	3.8	0.0	0.0				
GP-2 (16') with filter		14:45	0.0	14.5	1.5	0.0	0.0				
GP-2 (12') without filter	5/16/2013	13:25	0.0	15.3	4.1	0.0	0.0	40s - 80s	~1 inch		
GP-2 (12') with filter		13:25	0.0	15.3	4.0	0.0	0.0				
GP-2 (16') without filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (16') with filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (12') without filter	5/21/2013	15:29	0.0	13.7	3.8	0.0	0.0	40s - 80s	~0.2 inch		
GP-2 (12') with filter		15:29	0.0	13.8	3.2	0.0	0.0				
GP-2 (16') without filter		15:32	0.0	12.7	4.5	0.0	0.0				
GP-2 (16') with filter		15:32	0.0	12.8	3.0	0.0	0.0				
GP-2 (12') without filter	5/30/2013	13:20	0.0	15.8	3.8	0.0	0.0	50s - 80s	~1.3 inch		
GP-2 (12') with filter		13:20	0.0	15.8	3.9	0.0	0.0				
GP-2 (16') without filter		13:25	0.0	13.1	5.1	0.0	0.0				
GP-2 (16') with filter		13:25	0.0	13.0	5.3	0.0	0.0				
GP-2 (12') without filter	6/6/2013	14:50	0.0	16.3	4.6	0.0	0.0	60s	0.25 inch		
GP-2 (12') with filter		14:50	0.0	16.2	4.9	0.0	0.0				
GP-2 (16') without filter		15:00	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') with filter		15:00	0.0	14.7	6.2	0.0	0.0				
GP-2 (12') without filter	6/13/2013	16:05	0.0	8.2	5.4	0.0	0.0	60s - 80s	1.55 inch		
GP-2 (12') with filter		16:05	0.0	7.5	5.4	0.0	0.0				
GP-2 (16') without filter		16:10	--	5.2	6.6	0.0	0.0				
GP-2 (16') with filter		16:10	--	5.1	6.4	0.0	0.0				

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	6/20/2013	--	0.0	8.0	6.1	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		--	0.0	8.3	5.9	0.0	0.0				
GP-2 (16') without filter		--	--	5.3	6.5	0.0	0.0				
GP-2 (16') with filter		--	--	5.6	6.0	0.0	0.0				
GP-2 (12') without filter	6/27/2013	14:06	0.6	15.9	1.5	0.0	0.0	70s - 80s	Trace		
GP-2 (12') with filter		14:06	0.6	16.3	0.2	0.0	0.0				
GP-2 (16') without filter		14:11	43.6	3.7	2.6	1.6	30				
GP-2 (16') with filter		14:11	43.6	2.1	3.6	1.0	20				
GP-2 (12') without filter	7/3/2013	13:18	23.5	6.9	4.9	1.4	28	60s - 80s	Trace		
GP-2 (12') with filter		13:18	23.5	7.5	3.4	0.7	13				
GP-2 (16') without filter		13:22	59.6	1.9	7.1	5.8	>100				
GP-2 (16') with filter		13:22	59.6	1.6	6.9	1.8	36				
GP-2 (12') without filter	7/11/2013	14:45	40.4	4.0	6.5	6.5	>100	60s - 70s	None		
GP-2 (12') with filter		14:45	40.4	4.0	4.9	3.4	68				
GP-2 (16') without filter		14:51	55.6	4.6	6.2	11.2	>100				
GP-2 (16') with filter		14:51	55.6	3.9	5.0	2.2	44				
GP-2 (12') without filter	7/18/2013	14:35	20.4	17.7	1.2	0.5	10	70s - 90s	None		
GP-2 (12') with filter		14:35	20.4	17.7	1.0	0.2	5				
GP-2 (16') without filter		14:41	44.3	1.9	7.4	5.1	>100				
GP-2 (16') with filter		14:41	44.3	4.7	1.8	1.8	36				
GP-2 (12') without filter	7/25/2013	14:15	38.7	4.8	6.5	3.8	75	50s - 70s	None		
GP-2 (12') with filter		14:15	38.7	4.7	6.1	3.0	60				
GP-2 (16') without filter		14:20	48.3	4.4	7.9	4.0	80				
GP-2 (16') with filter		14:20	48.3	4.2	8.3	3.3	65				
GP-2 (12') without filter	8/1/2013	14:00	83.5	8.1	5.3	1.4	28	60s - 80s	None		
GP-2 (12') with filter		14:00	83.5	6.2	4.9	1.1	21				
GP-2 (16') without filter		14:05	89.8	4.1	7.3	2.8	55				
GP-2 (16') with filter		14:05	89.8	3.1	7.2	1.8	35				
GP-2 (12') without filter	8/6/2013	14:06	10.5	3.9	7.6	1.3	27	60s - 80s	None		
GP-2 (12') with filter		14:06	10.5	3.7	5.9	1.0	21				
GP-2 (16') without filter		14:10	31.6	4.3	7.4	2.5	51				
GP-2 (16') with filter		14:10	31.6	3.1	6.1	1.7	34				
GP-2 (12') without filter	8/15/2013	13:35	16.6	7.9	3.1	2.0	40	40s - 70s	None		
GP-2 (12') with filter		13:35	16.6	7.7	3.3	1.6	32				
GP-2 (16') without filter		13:40	20.6	1.5	6.2	2.2	44				
GP-2 (16') with filter		13:40	20.6	1.4	7.5	2.0	40				

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	8/22/2013	14:41	33.9	3.2	8.0	2.3	47	60s - 80s	Trace (0.06 in.)		
GP-2 (12') with filter		14:41	33.9	3.2	8.4	2.0	41				
GP-2 (16') without filter		14:45	55.0	1.8	8.5	4.3	87				
GP-2 (16') with filter		14:45	55.0	1.6	8.3	2.0	41				
GP-2 (12') without filter	8/27/2013	14:21	22.8	2.5	8.4	3.7	74	70s - 80s	None		
GP-2 (12') with filter		14:21	22.8	2.6	8.9	1.9	39				
GP-2 (16') without filter		14:26	39.5	2.3	8.7	7.9	>100				
GP-2 (16') with filter		14:26	39.5	2.2	9.0	6.1	>100				
GP-2 (12') without filter	9/5/2013	-	31.3	2.2	8.7	7.0	>100	50s - 80s	None		
GP-2 (12') with filter		-	31.3	2.3	6.9	3.0	58				
GP-2 (16') without filter		-	39.0	3.1	8.3	8.4	>100				
GP-2 (16') with filter		-	39.0	3.7	6.5	2.8	56				
GP-2	9/12/2013	Inaccessible due to high water/flood conditions						60s - 80s	0.29 inches		
GP-2 (12') without filter	9/20/2013		24.7	2.6	8.7	3.2	65	60s - 80s	0.6 inches	1009 - 1013	
GP-2 (12') with filter			24.7	2.1	8.1	1.8	34				
GP-2 (16') without filter			40.4	1.4	9.6	7.0	>100				
GP-2 (16') with filter			40.4	1.5	8.9	2.1	42				
GP-2 (12') without filter	9/24/2013	14:27	55.7	1.8	9.6	3.6	71	40s - 70s	None	1016 - 1018	
GP-2 (12') with filter		14:27	55.7	1.9	9.2	3.3	67				
GP-2 (16') without filter		14:33	68.4	1.5	10.0	4.3	86				
GP-2 (16') with filter		14:33	68.4	1.6	10.6	3.9	78				
GP-2 (12') without filter	10/3/2013	13:27	0.9	6.8	7.2	1.3	25	60s - 70s	0.27 inches	1015 - 1022	
GP-2 (12') with filter		13:27	0.9	6.9	5.8	1.1	17				
GP-2 (16') without filter		13:35	53.6	3.6	8.9	2.2	44				
GP-2 (16') with filter		13:35	53.6	3.3	7.5	1.4	27				
GP-2 (12') without filter	10/10/2013	13:41	18.6	0.7	10.3	1.9	38	40s - 70s	None	1020 - 1022	
GP-2 (12') with filter		13:41	18.6	0.5	10.2	1.3	27				
GP-2 (16') without filter		13:47	22.6	0.9	10.3	1.9	39				
GP-2 (16') with filter		13:47	22.6	1.7	9.0	1.2	25				
GP-2 (12') without filter	10/17/2013	14:46	22.8	1.2	10.5	1.4	28	40s - 50s	0.1 inches	1011 - 1014	MW-7: 18.56 MW-8: 18.70 MW-11: 20.31 MW-12: 20.39
GP-2 (12') with filter		14:46	22.8	7.5	6.8	0.8	16				
GP-2 (16') without filter		14:50	23.1	1.3	10.6	1.5	29				
GP-2 (16') with filter		14:50	23.1	1.5	10.1	1.2	23				
GP-2 (12') without filter	10/24/2013	13:42	0.0	1.5	10.9	0.0	0	30s - 40s	Trace (0.02 inches)	1015 - 1025	MW-7: 18.69 MW-8: 18.83 MW-11: 20.66 MW-12: 20.44
GP-2 (12') with filter		13:42	0.0	1.6	10.2	0.0	0				
GP-2 (16') without filter		13:47	5.6	4.6	9.6	0.0	0				
GP-2 (16') with filter		13:47	5.6	4.9	8.6	0.0	0				

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	10/31/2013	15:07	0.0	6.3	8.2	0.0	0	60s	1.25 inches	1000 - 1010	MW-7: 18.71
GP-2 (12') with filter		15:07	0.0	6.4	7.3	0.0	0				MW-8: 18.87
GP-2 (16') without filter		15:13	1.1	6.4	8.3	0.0	0				MW-11: 20.69
GP-2 (16') with filter		15:13	1.1	6.7	7.5	0.0	0				MW-12: 20.47
GP-2 (12') without filter	11/7/2013	13:45	0.0	4.6	9.5	0.0	0	40s	Trace (0.04 inches)	1020 - 1025	MW-7: 18.43
GP-2 (12') with filter		13:45	0.0	4.1	7.9	0.0	0				MW-8: 18.57
GP-2 (16') without filter		13:51	0.0	2.6	10.7	0.0	0				MW-11: 20.28
GP-2 (16') with filter		13:51	0.0	2.6	10.2	0.0	0				MW-12: 20.13
GP-2 (12') without filter	11/12/2013	13:32	0.0	5.8	9.5	0.0	0	20s - 30s	Trace (0.05 inches)	1030 - 1036	MW-7: 18.28
GP-2 (12') with filter		13:32	0.0	6.2	8.6	0.0	0				MW-8: 18.37
GP-2 (16') without filter		13:38	0.0	5.4	9.6	0.0	0				MW-11: 20.02
GP-2 (16') with filter		13:38	0.0	5.3	8.6	0.0	0				MW-12: 19.86
GP-2 (12') without filter	11/20/2013	14:10	0.0	4.5	10.1	0.0	0	20s - 40s	None	1023 - 1026	MW-7: 18.27
GP-2 (12') with filter		14:10	0.0	5.0	8.3	0.0	0				MW-8: 18.40
GP-2 (16') without filter		14:15	0.0	3.5	10.4	0.0	0				MW-11: 20.24
GP-2 (16') with filter		14:15	0.0	4.0	9.8	0.0	0				MW-12: 20.02
GP-2 (12') without filter	11/26/2013	14:35	0.0	3.4	10.4	0.1	1	30s	Trace (0.01 inches)	1013 - 1019	MW-7: 18.10
GP-2 (12') with filter		14:35	0.0	3.4	9.5	0.0	0				MW-8: 18.25
GP-2 (16') without filter		14:39	0.0	3.3	10.7	0.1	1				MW-11: 20.07
GP-2 (16') with filter		14:39	0.0	3.3	10.6	0.1	1				MW-12: 19.85
GP-2 (12') without filter	12/5/2013	14:44	0.0	6.5	9.7	0.0	0	30s - 40s	0.07 inches	1013 - 1016	MW-7: 18.38
GP-2 (12') with filter		14:44	0.0	6.6	8.7	0.0	0				MW-8: 18.52
GP-2 (16') without filter		14:49	0.0	7.3	9.1	0.0	0				MW-11: 20.35
GP-2 (16') with filter		14:49	0.0	7.4	8.3	0.0	0				MW-12: 20.13
GP-2 (12') without filter	12/12/2013	15:45	0.0	9.9	8.5	0.0	0	15 - 20	None	1030 - 1036	MW-7: 18.45
GP-2 (12') with filter		15:45	0.0	9.7	8.3	0.0	0				MW-8: 18.60
GP-2 (16') without filter		15:49	0.0	7.3	10.4	0.0	0				MW-11: 20.42
GP-2 (16') with filter		15:49	0.0	6.9	9.8	0.0	0				MW-12: 20.20
GP-2 (12') without filter	12/19/2013	14:48	0.0	10.8	7.8	0.0	0	30s - 40s	None	1016 - 1018	MW-7: 18.39
GP-2 (12') with filter		14:48	0.0	11.0	6.8	0.0	0				MW-8: 18.54
GP-2 (16') without filter		14:51	0.0	9.0	8.9	0.0	0				MW-11: 20.37
GP-2 (16') with filter		14:51	0.0	9.6	7.9	0.0	0				MW-12: 20.21
GP-2 (12') without filter	12/23/2013	11:20	0.0	8.1	7.9	0.0	0	20s - 30s	Trace (0.02 inches)	1026 - 1029	MW-7: 15.63
GP-2 (12') with filter		11:20	0.0	8.1	6.9	0.0	0				MW-8: 15.72
GP-2 (16') without filter		11:27	0.0	5.8	10.4	0.0	0				MW-11: 17.45
GP-2 (16') with filter		11:27	0.0	7.6	8.7	0.0	0				MW-12: 17.32
GP-2 (12') without filter	1/2/2014	16:20	0.0	21.5	0.1	0.0	0	20s - 30s	5.46 inches	1012 - 1026	MW-7: 15.24
GP-2 (12') with filter		16:20	0.0	18.2	0.3	0.0	0				MW-8: 15.39
GP-2 (16') without filter		16:24	0.0	21.4	0.3	0.0	0				MW-11: 17.21
GP-2 (16') with filter		16:24	0.0	21.5	0.3	0.0	0				MW-12: 16.98

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	1/9/2014	14:40	0.0	13.8	6.6	0.0	0	20s - 30s	1.55 inches	1026 - 1035	MW-7: 15.17
GP-2 (12') with filter		14:40	0.0	14.0	6.0	0.0	0				MW-8: 15.28
GP-2 (16') without filter		14:45	0.0	12.0	8.2	0.0	0				MW-11: 17.11
GP-2 (16') with filter		14:45	0.0	13.1	6.7	0.0	0				MW-12: 16.98
GP-2 (12') without filter	1/16/2014	13:00	0.0	13.8	6.1	0.0	0	20s - 30s	0.97 inches	1008 - 1019	MW-7: 15.93
GP-2 (12') with filter		13:00	0.0	13.9	3.8	0.0	0				MW-8: 16.06
GP-2 (16') without filter		13:07	0.0	12.9	7.2	0.0	0				MW-11: 17.90
GP-2 (16') with filter		13:07	0.0	13.2	4.1	0.0	0				MW-12: 17.71
GP-2 (12') without filter	1/23/2014	13:00	0.0	16.8	5.1	0.0	0	5 - 15	Trace	1019 - 1038	MW-7: 15.62
GP-2 (12') with filter		13:00	0.0	16.5	4.7	0.0	0				MW-8: 15.83
GP-2 (16') without filter		13:07	0.0	15.4	6.0	0.0	0				MW-11: 17.59
GP-2 (16') with filter		13:07	0.0	15.3	4.9	0.0	0				MW-12: 17.46
GP-2 (12') without filter	1/28/2014	14:25	0.0	17.3	4.6	0.0	0	5	None	1030 - 1033	MW-7: 17.27
GP-2 (12') with filter		14:25	0.0	17.3	4.1	0.0	0				MW-8: 17.41
GP-2 (16') without filter		14:30	0.0	15.2	6.5	0.0	0				MW-11 & MW-12: iced over
GP-2 (16') with filter		14:30	0.0	15.2	5.8	0.0	0				
GP-2 (12')	2/6/2014	Inaccessible due to snow coverage from road plows						15 - 25	0.3 inches	1029 - 1032	Inaccessible
GP-2 (12') without filter	2/13/2014	15:16	0.0	17.5	4.5	0.0	0	25 - 35	None	1003 - 1018	MW-7: 17.62
GP-2 (12') with filter		15:16	0.0	17.7	3.8	0.0	0				MW-8: 17.77
GP-2 (16') without filter		15:20	0.0	19.3	2.2	0.0	0				MW-11 & MW-12: iced over
GP-2 (16') with filter		15:20	0.0	19.5	0.6	0.0	0				
GP-2 (12') without filter	2/20/2014	14:12	0.0	16.8	4.3	0.0	0	35 - 40	None	1010 - 1014	MW-7: 17.53
GP-2 (12') with filter		14:12	0.0	16.8	4.0	0.0	0				MW-8: 17.66
GP-2 (16') without filter		14:14	0.0	15.8	5.4	0.0	0				MW-11: 19.50
GP-2 (16') with filter		14:14	0.0	15.9	4.5	0.0	0				MW-12: 19.27
GP-2 (12') without filter	2/27/2014	13:10	0.1	19.3	2.3	0.0	0	15 - 25	Trace	1008 - 1024	MW-7: 15.64
GP-2 (12') with filter		13:10	0.1	19.4	1.7	0.0	0				MW-8: 15.78
GP-2 (16') without filter		13:17	0.0	17.2	4.8	0.1	0				MW-11: 17.59
GP-2 (16') with filter		13:17	0.0	17.4	4.1	0.0	0				MW-12: 17.41
GP-2 (12') without filter	3/6/2014	14:21	0.0	17.8	4.3	0.0	0	35 - 45	None	1020 - 1029	MW-7: na
GP-2 (12') with filter		14:21	0.0	17.7	4.1	0.0	0				MW-8: na
GP-2 (16') without filter			0.0	16.8	5.2	0.0	0				MW-11: na
GP-2 (16') with filter			0.0	16.7	5.1	0.0	0				MW-12: na
GP-2 (12') without filter	4/2/2014	11:57	0.0	18.1	3.5	0.0	0	50s	Trace (0.15 inches)	1020	MW-7: 14.12
GP-2 (12') with filter		11:57	0.0	18.0	3.7	0.0	0				MW-8: 14.32
GP-2 (16') without filter			0.0	17.3	4.4	0.0	0				MW-11: 16.06
GP-2 (16') with filter			0.0	17.3	4.5	0.0	0				MW-12: 15.91
GP-2 (12') without filter	5/8/2014 ^[3]	15:18	0.2	16.3	3.0	0.0	0	75-85	None	1013-1017	MW-7: 16.84
GP-2 (12') with filter		15:18	0.2	16.4	2.5	0.0	0				MW-8: 16.70
GP-2 (16') without filter		15:22	0.5	20.3	0.0	0.0	0				MW-11: 18.68
GP-2 (16') with filter		15:22	0.5	20.0	1.6	0.0	0				MW-12: 18.46

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	6/3/2014	15:40	0.0	12.6	4.1	0.0	0	75-85	Trace	1011-1014	MW-7: na
GP-2 (12') with filter		15:40	0.0	12.6	3.7	0.0	0				MW-8: na
GP-2 (16') without filter		15:45	0.1	11.6	4.4	0.0	0				MW-11: na
GP-2 (16') with filter		15:45	0.1	11.7	4.4	0.0	0				MW-12: na
GP-2 (12') without filter	7/17/2014	15:17	0.0	2.2	6.7	0.0	0	70-75	None	1016-1020	MW-7: 17.37
GP-2 (12') with filter		15:17	0.0	2.1	6.4	0.0	0				MW-8: 17.51
GP-2 (16') without filter		15:23	15.0	1.7	6.7	1.7	35				MW-11: 19.36
GP-2 (16') with filter		15:23	15.0	1.7	6.2	1.1	23				MW-12: 19.13
GP-2 (12') without filter	8/14/2014	14:40	13.3	2.2	7.4	1.6	33	70-80	None	1014-1017	MW-7: 18.33
GP-2 (12') with filter		14:40	13.3	2.3	6.4	1.4	29				MW-8: 18.19
GP-2 (16') without filter		14:46	45.8	1.3	8.2	5.8	>100				MW-11: 20.17
GP-2 (16') with filter		14:46	45.8	1.3	7.6	2.4	49				MW-12: 19.94
GP-2 (12') without filter	8/21/2014	15:51	25.6	0.9	8.5	2.7	55	75-79	1.14 Inches	1014-1018	MW-7: na
GP-2 (12') with filter		15:51	25.6	0.9	8.2	1.8	36				MW-8: na
GP-2 (16') without filter		14:45	7.2	0.8	9.2	6.0	>100				MW-11: na
GP-2 (16') with filter		14:45	7.2	0.8	8.2	2.4	48				MW-12: na
GP-2 (12') without filter	8/28/2014	11:40	35.4	0.7	9.2	4.5	90	75--80	None	1016-1019	MW-7: 18.11
GP-2 (12') with filter		11:40	35.4	0.7	7.4	2.4	48				MW-8: 18.25
GP-2 (16') without filter		11:43	40.0	1.7	9.5	5.9	>100				MW-11: 20.10
GP-2 (16') with filter		11:43	40.0	1.6	8.3	2.2	45				MW-12: 19.87
GP-2 (12') without filter	9/4/2014	14:40	26.5	3.8	7.6	2.3	46	85-90	None	1016-1019	MW-7: na
GP-2 (12') with filter		14:40	26.5	3.9	7.9	2.1	41				MW-8: na
GP-2 (16') without filter		14:45	38.2	6.1	7.1	3.3	66				MW-11: na
GP-2 (16') with filter		14:45	38.2	6.1	7.3	3.0	60				MW-12: na
GP-2 (12') without filter	10/9/2014	13:34	0.0	4.8	9.0	0.0	0	50s	0.3 Inches	1017-1021	MW-7: na
GP-2 (12') with filter		13:34	0.0	5.2	9.3	0.0	0				MW-8: na
GP-2 (16') without filter		13:40	0.0	3.5	10.4	0.0	0				MW-11: na
GP-2 (16') with filter		13:40	0.0	3.6	10.2	0.0	0				MW-12: na
GP-2 (12') without filter	11/26/2014	13:43	0.0	14.6	4.1	0.0	0	30-35	None	1018-1023	MW-7: na
GP-2 (12') with filter		13:43	0.0	15.0	1.6	0.0	0				MW-8: na
GP-2 (16') without filter		13:46	0.0	13.6	4.6	0.0	0				MW-11: na
GP-2 (16') with filter		13:46	0.0	13.4	2.3	0.0	0				MW-12: na
GP-2 (12') without filter	2/6/2015	16:00	0.0	20.6	0.0	0.0	0	25-35	None	1022 - 1030	MW-7: 17.85
GP-2 (12') with filter		16:00	0.0	20.7	0.0	0.0	0				MW-8: 17.98
GP-2 (16') without filter		16:04	0.0	14.7	5.9	0.0	0				MW-11: 19.81
GP-2 (16') with filter		16:04	0.0	14.8	5.2	0.0	0				MW-12: 19.59
GP-2 (12') without filter	5/20/2015	16:09	0.0	9.5	4.2	0.0	0	50-60	None	1016 - 1022	MW-7: 17.45
GP-2 (12') with filter		16:09	0.0	9.8	3.4	0.0	0				MW-8: 17.60
GP-2 (16') without filter		16:11	0.0	7.1	5.2	0.0	0				MW-11: 19.43
GP-2 (16') with filter		16:11	0.0	7.0	4.9	0.0	0				MW-12: 19.21
GP-2 (12') without filter	8/20/2015	14:00	0.0	4.4	9.0	0.0	0	65-70	trace	1009 - 1017	MW-7: 17.75
GP-2 (12') with filter		14:00	0.0	4.4	8.4	0.0	0				MW-8: 17.56
GP-2 (16') without filter		14:04	1.2	2.3	9.8	0.1	3				MW-11: 19.54
GP-2 (16') with filter		14:04	1.2	2.5	9.6	0.1	2				MW-12: 19.30

Table 2

**GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	11/5/2015	14:22	0.0	2.2	9.7	0.0	0	60-70	trace	1019 - 1021	MW-7: 18.60
GP-2 (12') with filter		14:22	0.0	2.3	7.5	0.0	0				MW-8: 18.46
GP-2 (16') without filter		14:25	0.0	1.2	10.5	0.0	0				MW-11: 20.43
GP-2 (16') with filter		14:25	0.0	1.2	8.7	0.0	0				MW-12: 20.20
GP-2 (12') without filter	1/28/2016	14:42	0.0	14.2	6.2	0.0	0	35-45	trace	1005 - 1012	MW-7: 17.54
GP-2 (12') with filter		14:42	0.0	14.5	4.9	0.0	0				MW-8: 17.40
GP-2 (16') without filter		14:47	0.0	12.0	7.9	0.0	0				MW-11: 19.37
GP-2 (16') with filter		14:47	0.0	12.1	7.4	0.0	0				MW-12: 19.15

Notes

[1] - The explosive gas monitor baseline reading was 1 percent LEL. The meter did not zero for LEL readings and the corresponding methane readings were 0 percent; therefore, the readings of 1 percent are anomalous.

[2] - The Landtec GEM 2000 combustible gas monitor measures explosive gases as a percent of methane by volume. The presence of other hydrocarbon gases affects methane readings.

[3] -CO₂ readings started at 0.1 ppm.

PID - Photoionization Detector

O₂ - Oxygen

CO₂ - Carbon Dioxide

CH₄ - Methane

LEL - Lower Explosive Limit

NM - Not measured

U - Qualified as non-detect due to issues with the filter

Value - Value is greater than LEL for methane (5 percent methane)

Table 3

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP22-13 (20') without filter	7/11/2013	14:55	0.1	8.4	3.4	0.0	0	60s - 70s	None
GP22-13 (20') with filter		14:55	0.1	8.4	3.6	0.0	0		
GP23-13 (18.5') without filter		15:01	0.9	15.6	3.2	0.0	0		
GP23-13 (18.5') with filter		15:01	0.9	15.0	2.1	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	10.1	7.2	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	8.6	7.5	0.0	0		
GP24B-13 (4.5') without filter		15:10	0.3	11.5	6.1	0.0	0		
GP24B-13 (4.5') with filter		15:10	0.3	11.4	5.9	0.0	0		
GP-7 (8') without filter	7/18/2013	15:31	0.0	16.2	3.0	0.0	0	70s - 90s	None
GP-7 (8') with filter		15:31	0.0	16.1	3.2	0.0	0		
GP-7 (12') without filter		15:31	0.0	13.0	5.0	0.0	0		
GP-7 (12') with filter		15:31	0.0	13.4	4.8	0.0	0		
GP12-09 (6') without filter		15:25	0.1	0.9	10.2	0.5	12		
GP12-09 (6') with filter		15:25	0.1	1.2	11.3	0.6	12		
GP22-13 (20') without filter		14:45	0.3	14.5	1.0	0.0	0		
GP22-13 (20') with filter		14:45	0.3	14.6	1.3	0.1	1		
GP23-13 (18.5') without filter		14:51	0.0	12.2	5.3	0.0	0		
GP23-13 (18.5') with filter		14:51	0.0	12.4	6.0	0.1	1		
GP24A-13 (20') without filter		14:57	0.6	14.4	4.2	0.0	0		
GP24A-13 (20') without filter		14:57	0.6	14.2	4.8	0.0	0		
GP24B-13 (4.5') without filter		15:02	0.0	14.1	4.9	0.0	0		
GP24B-13 (4.5') with filter		15:02	0.0	16.8	3.1	0.0	0		
GP-7 (8') with filter	7/25/2013	14:24	0.0	16.8	3.4	0.0	0	50s - 70s	None
GP-7 (8') without filter		14:24	0.0	16.7	3.2	0.0	0		
GP-7 (12') with filter		14:24	0.0	13.2	5.7	0.0	0		
GP-7 (12') without filter		14:24	0.0	13.2	6.1	0.0	0		
GP-7 (16') with filter		14:24	0.0	10.4	6.6	0.0	0		
GP-7 (16') without filter		14:24	0.0	10.4	6.8	0.0	0		
GP12-09 (6') with filter		14:37	0.6	18.0	3.9	0.0	0		
GP12-09 (6') without filter		14:37	0.6	18.0	4.2	0.0	0		
GP23-13 (18.5') with filter		14:42	0.0	14.1	4.8	0.0	0		
GP23-13 (18.5') without filter		14:42	0.0	14.2	4.6	0.0	0		
GP23-13 (18.5') without filter	8/1/2013	14:11	0.0	12.4	5.9	0.0	0	60s - 80s	None
GP23-13 (18.5') with filter		14:11	0.0	12.1	5.4	0.0	0		
GP-7 (8') without filter		14:17	0.0	16.7	3.1	0.0	0		
GP-7 (8') with filter		14:17	0.0	16.4	3.0	0.0	0		
GP-7 (12') without filter		14:17	0.0	13.2	4.7	0.0	0		
GP-7 (12') with filter		14:17	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		14:17	0.0	11.4	6.0	0.0	0		
GP-7 (16') with filter		14:17	0.0	11.1	6.1	0.0	0		
GP12-09 (6') without filter		14:30	0.1	7.8	7.3	0.3	6		
GP12-09 (6') with filter		14:30	0.1	8.3	7.8	0.2	4		

Table 3

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP23-13 (18.5') without filter	8/6/2013	13:56	0.1	12.6	5.4	0.0	0	60s - 80s	None
GP23-13 (18.5') with filter		13:56	0.1	10.4	5.8	0.0	0		
GP-7 (8') without filter		13:40	0.0	16.4	4.7	0.0	0		
GP-7 (8') with filter		13:40	0.0	16.1	4.5	0.0	0		
GP-7 (12') without filter		13:40	0.0	13.1	5.4	0.0	0		
GP-7 (12') with filter		13:40	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		13:40	0.0	10.5	6.1	0.0	0		
GP-7 (16') with filter		13:40	0.0	10.6	6.7	0.0	0		
GP12-09 (6') without filter		14:01	0.3	8.7	6.4	0.0	0		
GP12-09 (6') with filter		14:01	0.3	8.9	6.7	0.0	0		
GP12-09 (6') without filter	8/15/2013	13:05	0.0	20.2	1.3	0.0	0	40s - 70s	None
GP12-09 (6') with filter		13:05	0.0	19.8	1.4	0.0	0		
GP23-13 (18.5') without filter		13:11	0.0	11.1	6.7	0.0	0		
GP23-13 (18.5') with filter		13:11	0.0	9.4	6.7	0.0	0		
GP-7 (8') without filter		13:17	0.0	12.8	5.9	0.0	0		
GP-7 (8') with filter		13:17	0.0	14.5	4.6	0.0	0		
GP-7 (12') without filter		13:17	0.0	13.0	4.9	0.0	0		
GP-7 (12') with filter		13:17	0.0	13.4	4.7	0.0	0		
GP-7 (16') without filter		13:17	0.0	9.3	7.6	0.0	0		
GP-7 (16') with filter		13:17	0.0	9.1	6.8	0.0	0		
GP12-09 (6') without filter	8/22/2013	14:21	0.0	0.9	12.0	0.0	0	60s - 80s	Trace (0.06 in.)
GP12-09 (6') with filter		14:21	0.0	0.9	11.6	0.0	0		
GP23-13 (18.5') without filter		14:15	0.0	10.4	6.9	0.0	0		
GP23-13 (18.5') with filter		14:15	0.0	10.6	6.1	0.0	0		
GP-7 (8') without filter		14:26	0.0	10.4	7.0	0.0	0		
GP-7 (8') with filter		14:26	0.0	10.2	6.4	0.0	0		
GP-7 (12') without filter		14:26	0.0	9.5	7.4	0.0	0		
GP-7 (12') with filter		14:26	0.0	9.2	7.2	0.0	0		
GP-7 (16') without filter		14:26	0.0	8.2	7.9	0.0	0		
GP-7 (16') with filter		14:26	0.0	8.4	7.7	0.0	0		
GP12-09 (6') without filter	8/27/2013	13:55	0.3	1.6	11.9	0.0	0	70s - 80s	None
GP12-09 (6') with filter		13:55	0.3	1.5	11.2	0.0	0		
GP23-13 (18.5') without filter		14:01	0.1	10.5	7.5	0.0	0		
GP23-13 (18.5') with filter		14:01	0.1	8.6	8.2	0.0	0		
GP-7 (8') without filter		14:05	0.0	11.1	7.1	0.0	0		
GP-7 (8') with filter		14:05	0.0	10.4	7.3	0.0	0		
GP-7 (12') without filter		14:05	0.1	9.8	7.6	0.0	0		
GP-7 (12') with filter		14:05	0.1	9.2	7.6	0.0	0		
GP-7 (16') without filter		14:05	0.1	8.9	7.8	0.0	0		
GP-7 (16') with filter		14:05	0.1	8.9	7.5	0.0	0		

Table 3

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP12-09 (6') without filter	9/5/2013	-	0.0	17.9	3.1	0.1	1	50s - 80s	None
GP12-09 (6') with filter		-	0.0	17.5	3.7	0.0	0		
GP23-13 (18.5') without filter		-	0.3	11.3	7.0	0.0	0		
GP23-13 (18.5') with filter		-	0.3	11.7	5.5	0.0	0		
GP-7 (8') without filter		-	0.0	11.0	7.2	0.0	0		
GP-7 (8') with filter		-	0.0	11.3	5.6	0.0	0		
GP-7 (12') without filter		-	0.0	10.3	7.5	0.0	0		
GP-7 (12') with filter		-	0.0	10.6	6.4	0.0	0		
GP-7 (16') without filter		-	0.0	8.4	8.6	0.0	0		
GP-7 (16') with filter		-	0.0	8.4	7.8	0.0	0		
GP23-13 (18.5') without filter	9/12/2013	17:45	0.0	10.4	8.1	0.1	2	60-80s	0.29 inches
GP23-13 (18.5') with filter		17:45	0.0	10.7	6.4	0.1	2		
GP-7 (8') without filter		--	0.0	10.9	7.6	0.0	0		
GP-7 (8') with filter		--	0.0	10.8	7.7	0.0	0		
GP-7 (12') without filter		--	0.1	8.3	9.3	0.0	0		
GP-7 (12') with filter		--	0.1	8.2	9.3	0.0	0		
GP-7 (16') without filter		--	--	7.8	9.3	0.0	0		
GP-7 (16') with filter		--	--	7.9	8.7	0.0	0		
GP-7 (8') without filter	10/17/2013	14:18	0.0	11.5	7.1	0.0	0	40s - 50s	0.1 inches
GP-7 (8') with filter		14:18	0.0	13.5	5.1	0.0	0		
GP-7 (12') without filter		14:23	0.0	11.3	7.0	0.0	0		
GP-7 (12') with filter		14:23	0.0	9.3	8.4	0.0	0		
GP-7 (16') without filter		14:27	0.0	7.9	10.0	0.0	0		
GP-7 (16') with filter		14:27	0.0	8.4	9.3	0.0	0		
GP12-09 (6') without filter		14:14	0.0	17.4	2.4	0.0	0		
GP12-09 (6') with filter		14:14	0.0	17.6	1.5	0.0	0		
GP22-13 (20') without filter		14:31	0.0	0.5	9.7	0.0	0		
GP22-13 (20') with filter		14:31	0.0	1.0	8.9	0.0	0		
GP23-13 (18.5') without filter		14:35	0.0	8.7	10.0	0.0	0		
GP23-13 (18.5') with filter		14:35	0.0	8.2	10.0	0.0	0		
GP24A-13 (20') without filter		14:38	0.0	8.1	10.4	0.0	0		
GP24A-13 (20') with filter		14:38	0.0	10.8	7.9	0.0	0		
GP24B-13 (4.5') without filter		14:42	0.0	11.4	7.2	0.0	0		
GP24B-13 (4.5') with filter		14:42	11.8	5.9	0.0	0.0	0		
GP-7 (8') without filter	11/12/2013	13:00	0.0	14.4	5.5	0.0	0	20s - 30s	Trace (0.05 inches)
GP-7 (8') with filter		13:00	0.0	15.5	4.3	0.0	0		
GP-7 (12') without filter		13:06	0.0	13.7	6.0	0.0	0		
GP-7 (12') with filter		13:06	0.0	13.8	5.5	0.0	0		
GP-7 (16') without filter		13:13	0.0	10.6	8.6	0.0	0		
GP-7 (16') with filter		13:13	0.0	11.7	6.7	0.0	0		
GP12-09 (6') without filter		13:19	0.0	16.1	2.7	0.0	0		
GP12-09 (6') with filter		13:19	0.0	16.8	1.9	0.0	0		
GP23-13 (18.5') without filter		13:25	0.0	10.3	8.2	0.0	0		
GP23-13 (18.5') with filter		13:25	0.0	10.1	7.6	0.0	0		

Table 3

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP-7	12/19/2013	Buried Under Snow & Ice						30s - 40s	None
GP12-09 (6') without filter		14:54	0.0	19.9	0.8	0.0	0		
GP12-09 (6') with filter		14:54	0.0	19.0	0.4	0.0	0		
GP23-13 (18.5') without filter		14:57	0.0	12.1	8.3	0.0	0		
GP23-13 (18.5') with filter		14:57	0.0	12.4	7.0	0.0	0		
GP-7 (8') without filter	1/9/2014	14:25	0.0	18.5	2.7	0.0	0	20s - 30s	1.55 inches
GP-7 (8') with filter		14:25	0.0	19.0	1.2	0.0	0		
GP-7 (12') without filter		14:30	0.0	18.2	2.8	0.0	0		
GP-7 (12') with filter		14:30	0.0	18.4	1.6	0.0	0		
GP-7 (16') without filter		14:36	0.0	16.2	4.9	0.0	0		
GP-7 (16') with filter		14:36	0.0	16.7	3.9	0.0	0		
GP12-09 (6') without filter		14:20	0.0	12.9	3.6	0.0	0		
GP12-09 (6') with filter		14:20	0.0	12.6	2.9	0.0	0		
GP22-13 (20') without filter		14:00	0.0	8.5	6.3	0.0	0		
GP22-13 (20') with filter		14:00	0.0	15.8	2.5	0.0	0		
GP23-13 (18.5') without filter		14:05	0.0	14.2	6.1	0.0	0		
GP23-13 (18.5') with filter		14:05	0.0	16.8	3.2	0.0	0		
GP24A-13 (20') without filter		14:11	0.0	14.3	5.4	0.0	0		
GP24A-13 (20') with filter		14:11	0.0	17.7	2.8	0.0	0		
GP24B-13 (4.5') without filter		14:16	0.1	16.5	3.1	0.0	0		
GP24B-13 (4.5') with filter		14:16	0.1	15.5	2.7	0.0	0		
GP-7 (8') without filter	3/10/2014	11:17	0.0	19.6	1.8	0.0	0	40s - 50s	None
GP-7 (8') with filter		11:17	0.0	19.9	1.2	0.0	0		
GP-7 (12') without filter			0.0	19.9	1.9	0.0	0		
GP-7 (12') with filter			0.0	20.2	0.6	0.0	0		
GP-7 (16') without filter				19.8	2.8	0.0	0		
GP-7 (16') with filter				20.2	1.5	0.0	0		
GP12-09 (6') without filter		11:28	0.0	16.4	6.0	0.0	0		
GP12-09 (6') with filter		11:28	0.0	16.8	5.3	0.0	0		
GP23-13 (18.5') without filter			0.0	21.3	0.4	0.0	0		
GP23-13 (18.5') with filter			0.0	20.8	2.3	0.0	0		
GP-7 (8') without filter	4/2/2014	11:37	0.0	19.2	1.9	0.0	0	50s	Trace (0.15 inches)
GP-7 (8') with filter		11:37	0.0	19.2	1.6	0.0	0		
GP-7 (12') without filter			0.0	18.9	2.8	0.0	0		
GP-7 (12') with filter			0.0	18.8	3.0	0.0	0		
GP-7 (16') without filter			0.0	19.1	2.0	0.0	0		
GP-7 (16') with filter			0.0	19.2	2.3	0.0	0		
GP12-09 (6') without filter		11:50	0.0	21.2	0.3	0.0	0		
GP12-09 (6') with filter		11:50	0.0	21.2	0.5	0.0	0		
GP23-13 (18.5') without filter		11:35		17.7	3.8	0.0	0		
GP23-13 (18.5') with filter		11:35		17.6	4.2	0.0	0		

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP-7	5/8/2014 ^[1]	Inaccessible						75-85	None
GP12-09 (6') without filter		15:25	0.0	20.0	0.2	0.0	0		
GP12-09 (6') with filter		15:25	0.0	20.1	0.1	0.0	0		
GP22-13 (20') without filter		15:28	0.1	9.0	4.5	0.0	0		
GP22-13 (20') with filter		15:28	0.1	9.2	3.7	0.0	0		
GP23-13 (18.5') without filter		15:31	0.0	16.9	3.0	0.0	0		
GP23-13 (18.5') with filter		15:31	0.0	16.6	2.1	0.0	0		
GP24A-13 (20') without filter		15:40	0.0	14.7	3.5	0.0	0		
GP24A-13 (20') with filter		15:40	0.0	14.9	2.8	0.0	0		
GP24B-13 (4.5') without filter		15:44	0.0	16.5	3.0	0.0	0		
GP24B-13 (4.5') with filter		15:44	0.0	16.6	2.8	0.0	0		
GP-7	7/17/2014	Inaccessible (unable to located soil gas probe)						70-75	None
GP12-09 (6') without filter		15:37	0.0	19.4	0.7	0.0	0		
GP12-09 (6') with filter		15:37	0.0	19.5	0.3	0.0	0		
GP22-13 (20')		Inaccessible (access restricted by property owner)							
GP23-13 (18.5') without filter		15:41	0.0	13.7	4.3	0.0	0		
GP23-13 (18.5') with filter		15:41	0.0	13.7	4.0	0.0	0		
GP24A-13 (20') without filter		15:44	0.0	12.0	5.5	0.0	0		
GP24A-13 (20') with filter		15:44	0.0	12.1	5.3	0.0	0		
GP24B-13 (4.5') without filter		15:47	0.0	13.0	5.2	0.0	0		
GP24B-13 (4.5') with filter		15:47	0.0	13.1	4.9	0.0	0		
GP-7	8/14/2014	Inaccessible (unable to located soil gas probe)						70-80	None
GP12-09 (6') without filter		14:55	0.0	20.0	0.9	0.0	0.0		
GP12-09 (6') with filter		14:55	0.0	20.1	0.4	0.0	0.0		
GP22-13 (20')		Inaccessible (access restricted by property owner)							
GP23-13 (18.5') without filter		15:00	0.0	13.1	4.9	0.0	0.0		
GP23-13 (18.5') with filter		15:00	0.0	13.2	4.7	0.0	0.0		
GP24A-13 (20') without filter		15:03	0.0	13.2	5.8	0.0	0.0		
GP24A-13 (20') with filter		15:03	0.0	13.3	5.3	0.0	0.0		
GP24B-13 (4.5') without filter		15:06	0.0	15.5	4.8	0.0	0.0		
GP24B-13 (4.5') with filter		15:06	0.0	15.5	4.7	0.0	0.0		
GP-7	8/21/2014	Inaccessible (unable to located soil gas probe)						75-79	1.14 inches
GP12-09 (6') without filter		15:58	0.0	20.0	0.9	0.0	0.0		
GP12-09 (6') with filter		15:58	0.0	20.1	0.5	0.0	0.0		
GP22-13 (20')		Inaccessible (access restricted by property owner)							
GP23-13 (18.5') without filter		16:02	0.0	11.9	6.8	0.0	0.0		
GP23-13 (18.5') with filter		16:02	0.0	12.2	5.8	0.0	0.0		
GP24A-13 (20') without filter		16:05	0.0	13.3	6.2	0.0	0.0		
GP24A-13 (20') with filter		16:05	0.0	13.3	6.0	0.0	0.0		
GP24B-13 (4.5') without filter		16:10	0.0	15.8	5.1	0.0	0.0		
GP24B-13 (4.5') with filter	16:10	0.0	15.7	4.6	0.0	0.0			
GP-7	8/28/2014	Inaccessible (unable to located soil gas probe)						75-80	None
GP12-09 (6') without filter		11:48	0.0	19.7	1.0	0.0	0.0		
GP12-09 (6') with filter		11:48	0.0	19.8	0.4	0.0	0.0		
GP22-13 (20')		Inaccessible (access restricted by property owner)							
GP23-13 (18.5') without filter		11:50	1.0	13.2	6.1	0.0	0.0		
GP23-13 (18.5') with filter		11:50	1.0	13.5	4.5	0.0	0.0		
GP24A-13 (20') without filter		11:55	1.0	14.1	5.4	0.0	0.0		
GP24A-13 (20') with filter		11:55	1.0	15.6	3.6	0.0	0.0		
GP24B-13 (4.5') without filter		12:00	0.0	13.9	6.2	0.0	0.0		
GP24B-13 (4.5') with filter	12:00	0.0	14.0	5.6	0.0	0.0			

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South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	
GP-7 (8') without filter	9/4/2014	14:25	0.0	14.3	4.6	0.0	0	85-90	None	
GP-7 (8') with filter		14:25	0.0	14.3	4.5	0.0	0			
GP-7 (12') without filter		14:30	0.0	12.0	6.4	0.0	0			
GP-7 (12') with filter		14:30	0.0	21.1	6.6	0.0	0			
GP-7 (16') without filter		14:36	0.0	10.6	7.0	0.0	0			
GP-7 (16') with filter		14:36	0.0	10.6	7.4	0.0	0			
GP12-09 (6') without filter		14:19	0.0	19.2	1.2	0.0	0			
GP12-09 (6') with filter		14:19	0.0	19.1	1.5	0.0	0			
GP22-13 (20')		Inaccessible (access restricted by property owner)								
GP23-13 (18.5') without filter		14:02	0.0	13.1	5.9	0.0	0			
GP23-13 (18.5') with filter		14:02	0.0	13.0	6.2	0.0	0			
GP24A-13 (20') without filter		14:07	0.0	14.2	5.9	0.0	0			
GP24A-13 (20') with filter		14:07	0.0	14.2	5.2	0.0	0			
GP24B-13 (4.5') without filter		14:13	0.0	13.7	5.6	0.0	0			
GP24B-13 (4.5') with filter		14:13	0.0	13.6	5.8	0.0	0			
GP-7 (8') without filter	10/9/2014	13:06	0.2	13.9	5.4	0.0	0	50s	0.3 inches	
GP-7 (8') with filter		13:06	0.2	14.1	5.2	0.0	0			
GP-7 (12') without filter		13:12	0.3	12.2	6.7	0.0	0			
GP-7 (12') with filter		13:12	0.3	12.5	5.8	0.0	0			
GP-7 (16') without filter		13:17	0.6	11.1	7.2	0.0	0			
GP-7 (16') with filter		13:17	0.6	11.0	7.4	0.0	0			
GP12-09 (6') without filter		12:35	0.0	12.3	6.8	0.0	0			
GP12-09 (6') with filter		12:35	0.0	12.5	6.5	0.0	0			
GP22-13 (20') without filter		12:41	0.0	7.9	6.1	0.0	0			
GP22-13 (20') with filter		12:41	0.0	7.8	6.3	0.0	0			
GP23-13 (18.5') without filter		12:48	0.0	13.6	5.7	0.0	0			
GP23-13 (18.5') with filter		12:48	0.0	13.8	6.0	0.0	0			
GP24A-13 (20') without filter		12:54	0.0	15.5	4.4	0.0	0			
GP24A-13 (20') with filter		12:54	0.0	15.8	4.6	0.0	0			
GP24B-13 (4.5') without filter		13:00	0.0	15.3	4.7	0.0	0			
GP24B-13 (4.5') with filter	13:00	0.0	15.3	4.5	0.0	0				
GP-7 (8') without filter	11/26/2014	13:50	0.0	19.6	2.0	0.0	0	30-35	None	
GP-7 (8') with filter		13:50	0.0	19.8	0.8	0.0	0			
GP-7 (12') without filter		13:53	0.0	19.5	2.0	0.0	0			
GP-7 (12') with filter		13:53	0.0	19.8	1.3	0.0	0			
GP-7 (16') without filter		13:55	0.0	18.1	3.4	0.0	0			
GP-7 (16') with filter		13:55	0.0	18.4	1.5	0.0	0			
GP12-09 (6') without filter		13:57	0.0	21.4	2.8	0.0	0			
GP12-09 (6') with filter		13:57	0.0	21.0	2.5	0.0	0			
GP22-13 (20')		Inaccessible (access restricted by property owner)								
GP23-13 (18.5') without filter		13:59	0.0	17.5	3.8	0.0	0			
GP23-13 (18.5') with filter		13:59	0.0	18.6	1.3	0.0	0			
GP24A-13 (20') without filter		14:02	0.0	18.0	3.7	0.0	0			
GP24A-13 (20') with filter		14:02	0.0	20.7	1.8	0.0	0			
GP24B-13 (4.5') without filter		14:04	0.0	19.0	2.6	0.0	0			
GP24B-13 (4.5') with filter		14:04	0.0	20.4	2.3	0.0	0			

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**Soil Gas Probe Field Monitoring Values
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Moraine, Ohio**

	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	
GP-7 (8') without filter	2/6/2015	16:07	0.0	19.4	2.6	0.0	0	25-35	None	
GP-7 (8') with filter		16:07	0.0	19.2	2.4	0.0	0			
GP-7 (12') without filter		16:10	0.0	18.8	3.1	0.0	0			
GP-7 (12') with filter		16:10	0.0	19.1	2.0	0.0	0			
GP-7 (16') without filter		16:13	0.0	19.5	2.2	0.0	0			
GP-7 (16') with filter		16:13	0.0	19.6	1.4	0.0	0			
GP12-09 (6') without filter		16:16	0.0	20.8	1.2	0.0	0			
GP12-09 (6') with filter		16:16	0.0	20.9	1.1	0.0	0			
GP22-13 (20')		Inaccessible (access restricted by property owner)								
GP23-13 (18.5') without filter		16:19	0.0	17.1	4.9	0.0	0			
GP23-13 (18.5') with filter		16:19	0.0	17.0	3.4	0.0	0			
GP24A-13 (20') without filter		16:23	0.0	16.6	4.6	0.0	0			
GP24A-13 (20') with filter		16:23	0.0	18.3	3.0	0.0	0			
GP24B-13 (4.5') without filter		16:26	0.0	17.8	3.2	0.0	0			
GP24B-13 (4.5') with filter		16:26	0.0	17.9	2.4	0.0	0			
GP-7 (8') without filter	5/20/2015	16:14	0.0	17.4	2.8	0.0	0	50-60	None	
GP-7 (8') with filter		16:14	0.0	17.5	2.0	0.0	0			
GP-7 (12') without filter		16:16	0.0	16.7	3.2	0.0	0			
GP-7 (12') with filter		16:16	0.0	16.9	2.8	0.0	0			
GP-7 (16') without filter		16:18		16.7	3.1	0.0	0			
GP-7 (16') with filter		16:18		16.9	2.3	0.0	0			
GP12-09 (6') without filter		16:20	0.0	20.7	0.6	0.0	0			
GP12-09 (6') with filter		16:20	0.0	21.0	0.4	0.0	0			
GP22-13 (20') without filter		16:22	0.0	7.3	6.0	0.0	0			
GP22-13 (20') with filter		16:22	0.0	7.2	5.4	0.0	0			
GP23-13 (18.5') without filter		16:26	0.2	17.5	2.2	0.0	0			
GP23-13 (18.5') with filter		16:26	0.2	17.8	1.8	0.0	0			
GP24A-13 (20') without filter		16:29	0.0	14.9	4.4	0.0	0			
GP24A-13 (20') with filter		16:29	0.0	15.0	3.7	0.0	0			
GP24B-13 (4.5') without filter		16:31	0.0	16.8	3.8	0.0	0			
GP24B-13 (4.5') with filter		16:31	0.0	16.9	2.9	0.0	0			
GP-7 (8') without filter	8/20/2015	14:07	0.0	11.8	6.1	0.0	0	65-70	Trace	
GP-7 (8') with filter		14:07	0.0	13.4	4.6	0.0	0			
GP-7 (12') without filter		14:10	0.0	11.9	6.2	0.0	0			
GP-7 (12') with filter		14:10	0.0	11.5	5.8	0.0	0			
GP-7 (16') without filter		14:13	0.0	11.2	6.1	0.0	0			
GP-7 (16') with filter		14:13	0.0	11.3	5.6	0.0	0			
GP12-09 (6') without filter		14:17	0.0	19.0	1.0	0.0	0			
GP12-09 (6') with filter		14:17	0.0	19.2	0.6	0.0	0			
GP22-13 (20') without filter		14:20	0.0	2.7	7.8	0.0	0			
GP22-13 (20') with filter		14:20	0.0	2.6	7.3	0.0	0			
GP23-13 (18.5') without filter		14:24	0.0	13.8	4.9	0.0	0			
GP23-13 (18.5') with filter		14:24	0.0	13.8	4.8	0.0	0			
GP24A-13 (20') without filter		14:28	0.0	13.4	6.4	0.0	0			
GP24A-13 (20') with filter		14:28	0.0	13.2	6.2	0.0	0			
GP24B-13 (4.5') without filter		14:32	0.0	13.4	6.4	0.0	0			
GP24B-13 (4.5') with filter		14:32	0.0	13.2	6.2	0.0	0			

Table 3

**Soil Gas Probe Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio**

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
GP-7 (8') without filter	11/5/2015	14:45	0.0	13.8	4.9	0.0	0	60-70	Trace
GP-7 (8') with filter		14:45	0.0	13.8	3.9	0.0	0		
GP-7 (12') without filter		14:47	0.0	13.2	5.3	0.0	0		
GP-7 (12') with filter		14:47	0.0	13.3	4.6	0.0	0		
GP-7 (16') without filter		14:50	0.0	11.2	7.3	0.0	0		
GP-7 (16') with filter		14:50	0.0	11.4	6.2	0.0	0		
GP12-09 (6') without filter		14:55	0.0	20.1	0.4	0.0	0		
GP12-09 (6') with filter		14:55	0.0	20.2	0.2	0.0	0		
GP22-13 (20') without filter		14:42	0.0	1.6	9.2	0.0	0		
GP22-13 (20') with filter		14:42	0.0	1.4	8.1	0.0	0		
GP23-13 (18.5') without filter		14:38	0.0	11.7	7.5	0.0	0		
GP23-13 (18.5') with filter		14:38	0.0	11.9	6.8	0.0	0		
GP24A-13 (20') without filter		14:30	0.0	11.5	8.0	0.0	0		
GP24A-13 (20') with filter		14:30	0.0	11.7	6.9	0.0	0		
GP24B-13 (4.5') without filter		14:34	0.0	14.2	5.2	0.0	0		
GP24B-13 (4.5') with filter		14:34	0.0	14.3	5.0	0.0	0		
GP-7 (8') without filter	1/28/2016	14:51	0.0	18.2	3.5	0.0	0	35-45	Trace
GP-7 (8') with filter		14:51	0.0	18.6	1.4	0.0	0		
GP-7 (12') without filter		14:55	0.0	18.5	2.9	0.0	0		
GP-7 (12') with filter		14:55	0.0	18.8	2.8	0.0	0		
GP-7 (16') without filter		14:58	0.0	18.8	2.5	0.0	0		
GP-7 (16') with filter		14:58	0.0	18.8	2.2	0.0	0		
GP12-09 (6') without filter		15:00	0.0	18.8	2.3	0.0	0		
GP12-09 (6') with filter		15:00	0.0	20.8	2.1	0.0	0		
GP22-13 (20') without filter		15:03	0.0	4.5	8.5	0.0	0		
GP22-13 (20') with filter		15:03	0.0	3.0	7.8	0.0	0		
GP23-13 (18.5') without filter		15:08	0.0	12.9	7.5	0.0	0		
GP23-13 (18.5') with filter		15:08	0.0	12.9	6.5	0.0	0		
GP24A-13 (20') without filter		15:10	0.0	16.4	4.1	0.0	0		
GP24A-13 (20') with filter		15:10	0.0	17.2	1.9	0.0	0		
GP24B-13 (4.5') without filter		15:13	0.0	13.9	4.7	0.0	0		
GP24B-13 (4.5') with filter		15:13	0.0	14.4	4.2	0.0	0		

Notes

^[1] -CO₂ readings started at 0.1 ppm.

PID - Photoionization Detector

O₂ - Oxygen

CO₂ - Carbon Dioxide

CH₄ - Methane

LEL - Lower Explosive Limit

NM - Not measured

U - Qualified as non-detect due to issues with the filter

Value - Value is greater than LEL for methane (5 percent methane)